

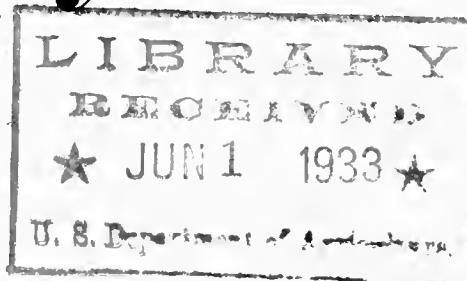
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# Harrisburg Seed Company



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## 1933 CATALOG

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### SUPERLATIVE

# Seeds : Plants : Bulbs

VEGETABLE  
SEED TRIALS  
HORTICULTURE

MAY 2, 1933



**HARRISBURG SEED COMPANY**  
**Harrisburg** . . . **Pennsylvania**

# *Superlative Seeds*



N PRESENTING this the ninth annual edition of our catalogue we again want to express our sincere appreciation of the patronage which we have enjoyed and solicit a continuance thereof.

We have endeavored to list such varieties of seeds, insecticides, etc., which we know will bring the results desired by the purchaser and at prices which we feel are lower than we have heretofore been able to offer.

It will be our endeavor to maintain the prices quoted in this catalogue throughout the season, and while we do not anticipate any serious change, they are subject to change without notice.

It will greatly facilitate the execution of orders if our customers will use the order blank accompanying this catalogue.

The prices named are strictly net and are not subject to any discount nor do we offer premiums of any character.

Remittances should be made by either Post Office Money Order, Express Money Order, Check, Draft or Registered Letter. Shipments of all garden and flower seeds will be sent prepaid with following exceptions:

Peas, Beans and Corn in bulk, when ordered alone; Vegetable Roots—Potatoes, etc.; Field Seeds—Corn, Clover, etc.; Insecticides and Fungicides, Implements and Garden Supplies.

Goods sent prepaid are shipped by mail, express or freight at our option.

*Should there be any reduction in any prices  
after the issuance of this Catalogue our  
Customers will receive the benefit  
of any such reductions that  
can consistently be  
passed to them.*

**Harrisburg Seed Company**  
**Harrisburg, Pa.**

(This firm has no connection with any other seed house)



## SUPERLATIVE GARDEN SEEDS

### ASPARAGUS

**Culture.**—Sow in March or April, in rows 1 foot apart. When one year old, transplant into permanent beds. Set the plants in rows 3 to 4 feet apart and 2 feet in the row, and cover gradually during the season to 6 or 8 inches. On approach of winter cover with manure or straw. One ounce will sow 40 feet of drill.

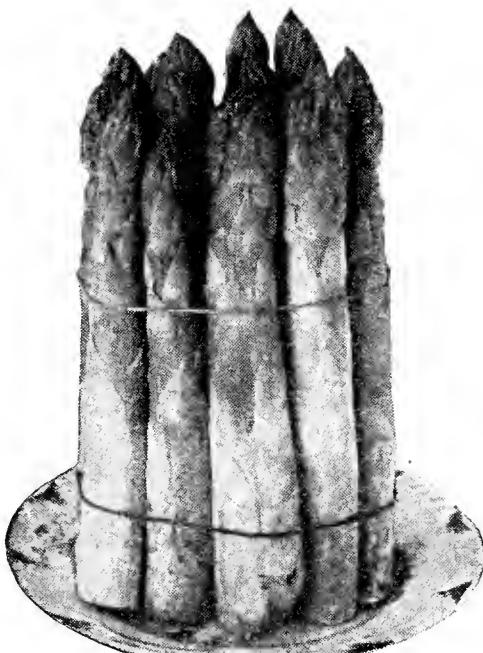
**Mary Washington.**—Certified Seed. A special selection from Pedigreed Washington, being earlier and larger, and the stalks slightly oval in form. Produces large healthy seedlings, impervious to rust.

Price . . . . .	Pkt. . . . .	Oz. . . . .
	\$0.20	\$0.35

### ASPARAGUS ROOTS

One year old; 2500 roots are required to plant an acre.  
**Mary Washington.**

Price . . . . .	100 . . . . .	500 . . . . .	1000 . . . . .
	\$2.00	\$8.00	\$15.00



*Mary Washington Asparagus*

### BEANS

**Culture.**—About the first of May sow in rows 2 inches deep and 18 inches to 2 feet apart; beans 3 inches apart. Sow every two weeks for a succession until September. One pint to 200 feet of drill.

#### GREEN PODDED POLE OR RUNNING

**Horticultural, or Wren's Egg.**—Best for corn Beans.

**Lazy Wife.**—Pods dark green; fleshy; entirely stringless; rich flavors.

**Old Homestead.**—Crisp, early and prolific.

Price of Pkt.  $\frac{1}{2}$  Pt. Pt. Qt. 2 Qt. 4 Qt. Pk. above. \$0.10 \$0.20 \$0.35 \$0.60 \$1.10 \$1.75 \$3.25

### DWARF GREEN PODDED SNAP SHORT BEANS

**Dwarf Horticultural.**—An excellent green-podded sort.

**Large White Marrowfat.**—For winter use.

**White Kidney.**—Medium-sized pods; coarse; dark green, late.

**White Navy.**—Sure cropper; prolific; good quality; early.

### BLACK VALENTINE

A very vigorous strong grower. One of the best.

### STRINGLESS GREEN POD

Absolutely stringless, of fine flavor. Without any exception surpasses all others in crispness and tenderness.

### GIANT STRINGLESS GREEN POD

An Extra-Early, Green-Podded Bush Bean of fine quality. Remarkably early; exceedingly prolific. The pods are round and handsome and without any string.

### BOUNTIFUL BUSH

Absolutely stringless. A flat-podded green Bean; enormously prolific and continuous bearer; early and late; very tender and excellent flavor.

Pkt. . . . .	$\frac{1}{2}$ Pt. . . . .	Pt. . . . .	Qt. . . . .	2 Qt. . . . .	4 Qt. . . . .	Pk. . . . .
	\$0.10	\$0.20	\$0.35	\$0.60	\$1.10	\$1.75

Price of above. . . . . \$3.25



*Bountiful Bush Bean*

## BEANS

**ROUND POD KIDNEY OR BRITTLE WAX**

The plant grows tall, strong and sturdy, with long, round, handsome, stringless pods of large size, very solid and full of meat; crisp, brittle and free from rust.

**SURE CROP STRINGLESS OR BOUNTIFUL WAX**

A dwarf-growing variety; strong, vigorous vines producing early, rich yellow pods of extra size and of excellent quality. It is one of the most prolific Bush Beans known to the trade, and sells at sight.

**Improved Rustproof Golden Wax.**—A greatly improved strain; more prolific and superior to the old Golden Wax.

**Wardwell's Kidney Wax.**—Very robust and hardy, one of the very best.

**Davis Wax.**—Most hardy and productive wax bean in cultivation; pods long, straight and handsome.

**Pencil Pod Black Wax.**—Hardier and more prolific than the old German Wax. Pods long, pencil-like, tender and brittle.

Pkt.  $\frac{1}{2}$  Pt. Pt. Qt. 2 Qt. 4 Qt. Pk.  
Price of above....\$0.10 \$0.20 \$0.35 \$0.60 \$1.10 \$1.75 \$3.25

**WAX PODDED POLE OR RUNNING**

**Culture.**—After settled warm weather, set 4-to 8-foot poles in rows 4 feet apart, the poles being 3 feet apart in the row. Around each hill plant five to eight Beans 2 inches deep; thin to four plants. One quart to 150 hills; 12 to 15 quarts to acre.

**Kentucky Wonder Wax.**—New. Fleshy and quite as stringless as snaps; golden-yellow.

Pkt.  $\frac{1}{2}$  Pt. Pt. Qt. 2 Qt. 4 Qt. Pk.  
Price of above... \$0.10 \$0.20 \$0.35 \$0.60 \$1.10 \$1.75 \$3.25

**POLE LIMA BEANS**

**Culture.**—Between the first to middle of May, plant four to six Beans around poles 8 to 10 feet high setting the poles 4 feet apart each way.

**Green Prolific Pole Lima.**—Grows green, keeps green and the only Lima Bean that is absolutely green when dried. Equals Early Jersey for earliness and is more productive than any other Pole Lima we have ever seen.

**King of the Garden Lima.**—Very prolific and heavy bearer.

**Giant Podded.**—The largest podded of all Pole Lima Beans. The pods measuring from 7 to 8 inches in length, with a width of  $1\frac{1}{2}$  to nearly 2 inches; of superb flavor, excelling all other Lima Beans in vigor of growth.

**Early Leviathan.**—The earliest Pole Lima Bean grown; hardy and very prolific, very strong grower and a sure cropper.

Price of Pkt.  $\frac{1}{2}$  Pt. Pt. Qt. 2 Qt. 4 Qt. Pk.  
above... \$0.10 \$0.20 \$0.40 \$0.75 \$1.40 \$2.40 \$4.25

**DWARF BUSH LIMA BEANS**

**Burpee's Fordhook Bush Lima.**—Has an ideal bush growth and bears tremendous crops maturing very early. The pods measuring 4 to 5 inches long, containing four to five large Beans.

**Burpee's Improved Bush.**—Enormous pods, borne abundantly; well filled and very early. Vigorous growth with heavy foliage; plants uniformly upright. Pods 5 to 6 in. high by  $1\frac{1}{4}$  inches wide.

Price of Pkt.  $\frac{1}{2}$  Pt. Pt. Qt. 2 Qt. 4 Qt. Pk.  
above... \$0.10 \$0.20 \$0.40 \$0.75 \$1.40 \$2.40 \$4.25

**BEETS**

**Culture.**—The soil should be rather light and thoroughly enriched with manure. Sow in spring as soon as the ground becomes fit, in rows about 1 foot apart and 1 to  $1\frac{1}{2}$  inches deep. For main crop sow first week in May; for winter, sow in June. Thin to 3 to 4 inches apart. One ounce to 100 feet of drill.

**Black as Night.**—Remarkable for its uniform shape and fine sweet flavor. Both skin and flesh are of an unusually deep rich dark red. Very early, quickly reaching a diameter of 2 inches. One of the best varieties for market on account of its earliness.

**Crimson Globe.**—The finest table Beet grown. Early, of medium size, uniformly round; color, deep crimson throughout; exceedingly tender and sweet and a good keeper.

**Crosby's Egyptian.**—Very early and of excellent quality; small tops.

**Detroit Dark Red.**—A fine strain of turnip-shaped Beet. Valuable for its remarkable uniformity and smoothness; size medium; flesh fine grained, tender and remaining so for a long time; admirable for either early or late.

**Early Surprise Beet.**—For early or late planting. This extra early Blood Turnip Beet has become wonderfully popular with both market gardeners and private planters. It is a rich, blood-red Beet, with fine grain and delicious flavor.

**Eclipse.**—Extremely early; of uniform globular form; glossy red, flesh fine grained and unusually tender and sweet.

**Edmand's.**—A handsome, uniform, round, turnip-shaped Beet, very smooth and good size; tops small; flesh red and fine quality; fine for late.

**Half Long.**—One of the best for winter storing. When cut, the flesh is deep maroon red, almost black, true to color and of sweet flavor. A splendid market variety.

**Harrisburg Market Blood Turnip Beet.**—It is of true turnip shape, has a single tap root, a smooth skin, and of rich, tender quality.

**Long, Smooth Blood Red.**—An excellent late variety, being a great improvement on the common Long Blood and of intense dark red color.

Pkt.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	Lb.	
Price of above....	\$0.05	\$0.15	\$0.35	\$0.65	\$1.10

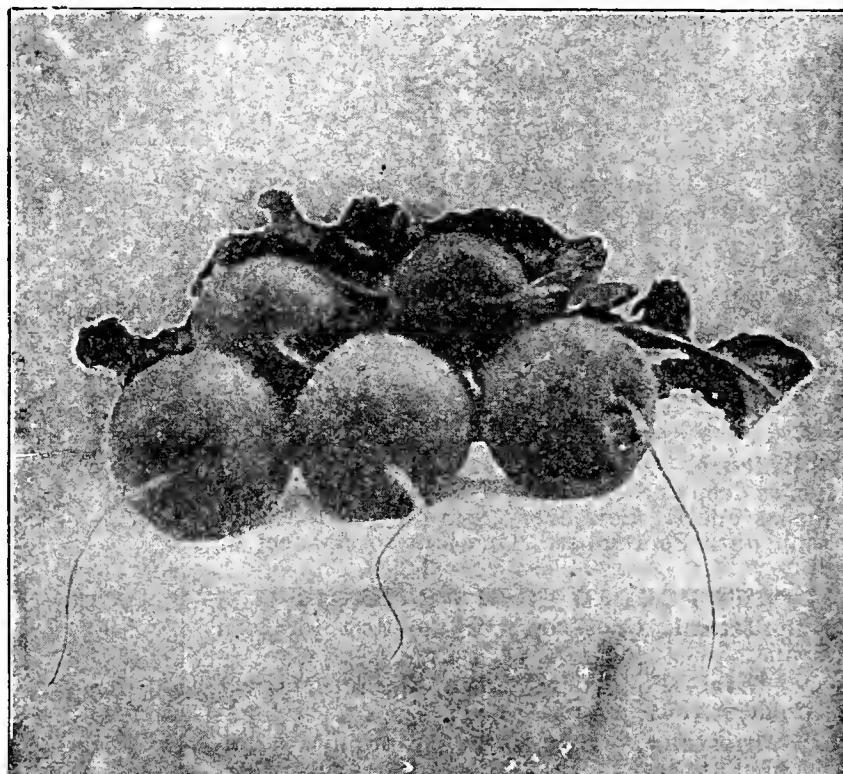
**MANGEL WURZELS AND SUGAR BEETS**

**Culture.**—Sow in rows 2 feet apart. 2 inches between seeds, thinning later to 12 to 15 inches. For stock feeding. Long varieties do best in deep soil; round sorts in sandy soil. Five or six pounds will sow an acre.

**Golden Tankard.**—Distinct; highly prized by dairymen.

**Mammoth Prize Long Red.**—Enormously productive.

Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	Lb.	
Price of above.....	\$0.10	\$0.20	\$0.35	\$0.65



Harrisburg Market

**BEETS**

**White Top Blood Turnip Beet.**—A Beet of Superior Merit. An absolutely light green top beet with pure blood-red root. It is one of the most tender of beets, of delicious flavor, and is absolutely unsurpassed for quality. It is almost globe-shaped, tapering somewhat toward the root. The flesh is a handsome dark red, sweet and tender at all stages of growth, regardless of size. It is an ideal main crop beet and outsells all others wherever grown. See illustration.

The seed sells at 10c. per pkt.; 20c. per oz.; 70c. per  $\frac{1}{4}$  lb. \$1.25 per  $\frac{1}{2}$  lb.; lb., \$2.25.

**BROCCOLI**

**Culture.**—Same as cauliflower. One ounce will sow a bed 40 feet square.

**St. Valentines.** Heads large, good appearance.

Pkt.	$\frac{1}{4}$ Oz.	$\frac{1}{2}$ Oz.	Oz.
Price of above.....	\$0.15	\$0.25	\$0.45
			\$0.75

**BRUSSELS SPROUTS**

**Culture.**—The seed should be sown in April or May, and the plants cultivated like cabbage. The heads are improved by frost. An ounce of seed will produce 3000 plants.

**Danish Prize.** A strong grower and produces a large quantity of delicious sprouts.

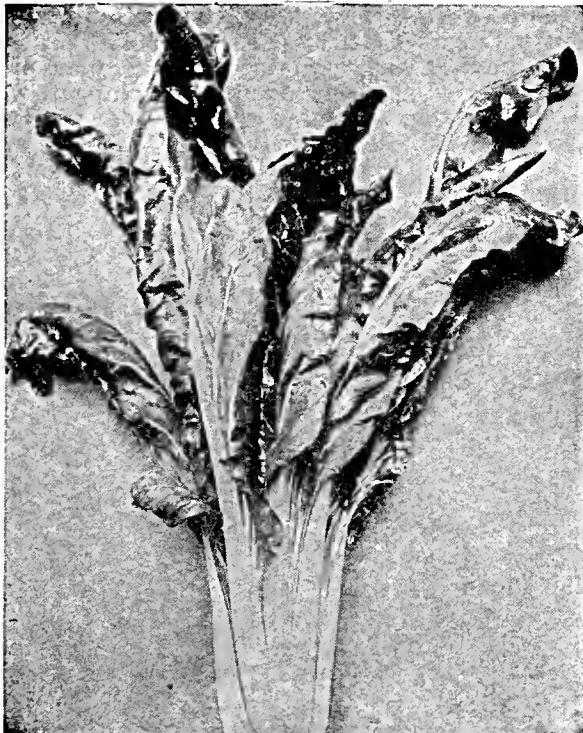
Pkt.	Oz.	$\frac{1}{4}$ Lb.
Price of above.....	\$0.15	\$0.40
		\$1.10

**SWISS CHARD OR SPINACH BEET**

Swiss Chard is unique in that it is a two-purpose vegetable. The outside leaves are used as "boiling greens" and are most excellent for this purpose. The large white stalks (see illustration below) are used like asparagus; they are boiled and served in melted butter and are fully delicious and even more tender than asparagus.

**Giant Lucullus.**—The plants grow to a height of two to two and one-half feet. The stalks are thick and broad, heavily ribbed, and from ten to twelve inches long below the leaf. The extra-large leaves of thick texture are heavily crimped or "savoyed" and of fine flavor.

Pkt.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	Lb.
Price of above.....	\$0.05	\$0.15	\$0.40	\$0.75
				\$1.25



Giant Lucullus Swiss Chard

**CABBAGE**

**Culture.**—Sow in hotbeds in February, or still better, from September 10 to 20 and winter the plants over in a cold frame. Transplant March 15 to April 15 about 20 inches apart, in rows 2 feet apart. For second-early crop, sow seeds of early kinds early in April and plant out in May. For a late crop sow early in May and plant out in July; the plants 2 feet apart in rows three feet apart. One ounce will produce 1,500 to 2,000 plants.



White Top Blood Turnip Beet

**CABBAGE****EXTRA EARLY VARIETIES**

**Charleston Wakefield.**—This is the largest early Cabbage, half as large again as Jersey Wakefield and about 10 days later.

**Copenhagen Market.**—A valuable, early Cabbage, producing round, hard heads very early in the season. The plants are short-stemmed, producing heads almost on the ground. It is a vigorous grower and yielder, and an excellent keeper.

**Extra Early Jersey Wakefield—Special Strain.**—A trifle smaller than Jersey Wakefield, exactly same shape, but ready for market 7 to 10 days earlier.

**Early Jersey Wakefield.**—The heads of pyramidal shape, and are remarkably solid. The outside leaves are small, though of great substance, enabling the plants to stand severe weather.

**Stein's Early Flat Dutch.**—We offer a remarkably fine strain; a sure header, the head weighing from ten to twelve pounds; most valuable for forcing or for general crop.

**Early Winnigstadt.**—An old, popular, medium early variety with large, pyramidal heads of excellent quality; good to succeed the extra earlies.

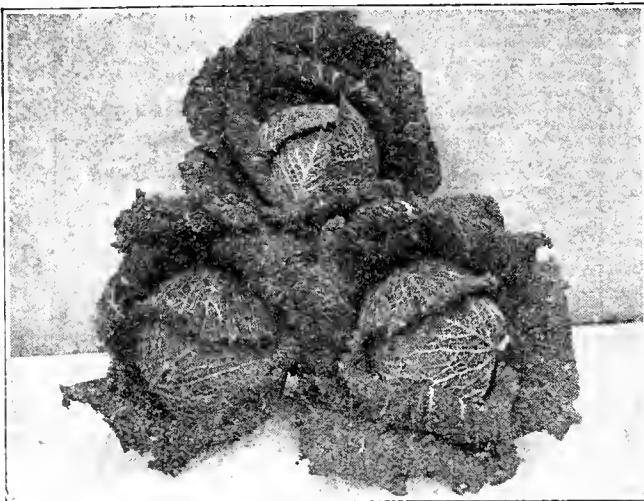
**Glory of Enkhuizen.**—One of the best early round headed varieties, maturing about 10 days later than Jersey Wakefield. Heads are round as a ball, very solid and fine grained.

Pkt.	$\frac{1}{2}$ Oz.	1 Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.
Price of above .....	\$0.05	\$0.20	\$0.30	\$0.90
				\$1.50

**Golden Acre.**—This is quite similar to Copenhagen Market but somewhat smaller and earlier. A uniform, tightly folded and well-blanching head of superb quality.

Pkt.	$\frac{1}{2}$ Oz.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.
Price of above .....	\$0.15	\$0.35	\$0.55	\$1.65
				\$3.00

## CABBAGE



Perfection Drumhead Savoy

## SECOND EARLY OR SUMMER VARIETIES

**Drumhead Savoy.**—The largest heading Savoy, a general favorite for home use and marketing. See illustration.

**Succession.**—Universally conceded to be the best Cabbage for either summer or winter use; heads hard and uniform, ten to twelve pounds in weight; quality extra fine and a good keeper.

**Allhead Early.**—Large flat head, second early

Pkt.  $\frac{1}{2}$  Oz. Oz.  $\frac{1}{4}$  Lb.  $\frac{1}{2}$  Lb.

Price of above.....\$0.05 \$0.20 \$0.30 \$0.90 \$1.50

## LATE, OR WINTER VARIETIES

**Danish Ballhead or Hollander.**—This Cabbage has few equals for winter use. The heads are round, 8 to 10 inches in diameter, and very solid, with few outer leaves. The quality is second to none.

Pkt.  $\frac{1}{2}$  Oz. Oz.  $\frac{1}{4}$  Lb.  $\frac{1}{2}$  Lb.

Price of above.....\$0.10 \$0.25 \$0.40 \$1.15 \$1.90

**Late Flat Dutch.**—Our improved strain of this old favorite Winter Cabbage will be found very superior to the old Large Flat Dutch.

**Surehead.**—Fine large solid heads, with few outside leaves. Extra hard, fine in texture and weigh 10 to 15 pounds each.

Pkt.  $\frac{1}{2}$  Oz. 1 Oz.  $\frac{1}{4}$  Lb.  $\frac{1}{2}$  Lb.

Price of above.....\$0.05 \$0.20 \$0.30 \$0.90 \$1.40

**HOUSER.**—Noted for its fine grain, smallness of heart and excellent keeping qualities. **Market Gardeners' Ideal Late Cabbage.**—This Cabbage has weight, size and solidity. It takes two weeks longer to mature so be sure and sow seeds two weeks earlier than other late varieties.

No other late variety can approach it in quality, size, productiveness, smallness of heart and good keeping qualities.

**Penn State Ballhead.**—A most excellent strain of Danish Ballhead Cabbage.

Pkt.  $\frac{1}{2}$  Oz. 1 Oz.  $\frac{1}{4}$  Lb.

Price of above.....\$0.10 \$0.30 \$0.50 \$1.75

## CARROTS

**Culture.**—A good, light, well-enriched sandy loam is the best for this crop. Market gardeners, sow in drills about 18 inches apart, and cultivate by hand. For field culture, sow in drills from 3 to 5 feet apart, so as to cultivate by horse. For early crops, cover  $\frac{1}{2}$  inch deep, thin to 6 inches apart. For late, cover  $\frac{3}{4}$  of an inch. One ounce will sow 100 feet of drills; three pounds an acre.

**Chantenay Half-Long Scarlet.**—A stump-rooted variety of handsome shape, medium early, very productive and of fine quality.

**Danvers Half-Long.**—A handsome, smooth, cylindrical stump-rooted variety of rich, dark orange color; flesh of close texture, good quality, with but little core.

**Long Orange Improved.**—An improved strain of this popular variety for either garden or field culture; roots averaging 12 inches in length and 3 inches in diameter at the top; an enormous yielder and a good keeper.

Pkt. Oz.  $\frac{1}{4}$  Lb.  $\frac{1}{2}$  Lb. Lb.

Price of the above...\$0.05 \$0.15 \$0.35 \$0.60 \$1.00

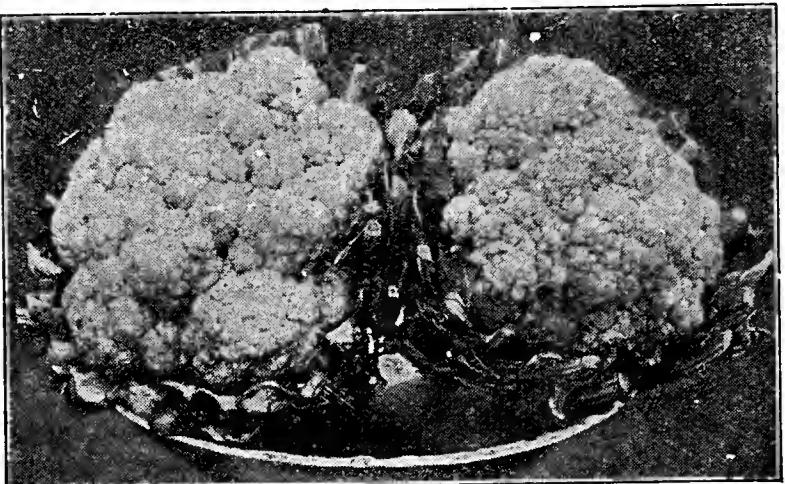
## CAULIFLOWER

**Culture.**—For spring and early summer crop sow in March or early in April in hotbed; transplant to cold frame when sufficiently large and to open ground as soon as danger of frost is over. For late crop sow at the same time as for late cabbage. One ounce of seed will produce 300<sup>0</sup> plants.

**Express Snowball.**—Pedigreed Seed. The earliest of all Snowballs, the most dwarf, and compact in the habit of growth, the surest header, it gives the largest, most snow-white and cleanest heads and is a good keeper in dry weather.

Pkt.  $\frac{1}{4}$  Oz.  $\frac{1}{2}$  Oz. 1 Oz.

Price of above.....\$0.25 \$1.00 \$1.75 \$3.00



Improved Early Snowball Cauliflower

**Improved Early Snowball.**—A grand Cauliflower. For forcing, coldframe or open ground.

Pkt.  $\frac{1}{2}$  Oz. 1 Oz.  $\frac{1}{4}$  Lb.

Price of the above.....\$0.15 \$1.50 \$2.50 \$9.00

**Veltch's Autumn Giant.**—A large-growing, late variety, splendid white heads.

Pkt.  $\frac{1}{2}$  Oz. Oz.  $\frac{1}{4}$  Lb.

Price of the above.....\$0.10 \$0.35 \$0.65 \$2.25

**Dry Weather Cauliflower.**—(Reaches Perfection when Ordinary Sorts Fail).—It produces a large, solid, pure white head, maturing a little later than Snowball but is especially and peculiarly adapted to dry situations and to resisting the effects of droughts.

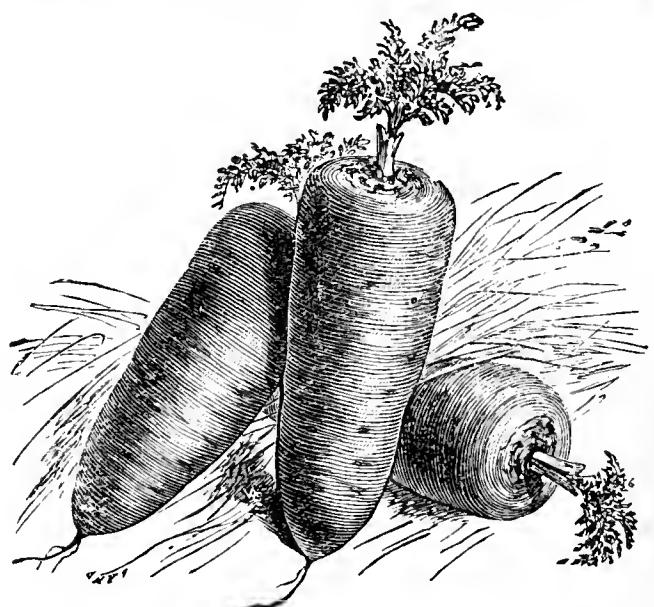
Pkt.  $\frac{1}{2}$  Oz. 1 Oz.  $\frac{1}{4}$  Lb.

Price of the above.....\$0.15 \$1.50 \$2.50 \$7.50

**Extra-Early Dwarf Erfurt.**—Special stock. This is, beyond question, the best variety for forcing under glass or for fast, early outside growing, very dwarf and compact, with small leaves, short stems and large white heads. Our strain of this seed is the finest obtainable.

Pkt.  $\frac{1}{4}$  Oz.  $\frac{1}{2}$  Oz. 1 Oz.  $\frac{1}{4}$  Lb.

Price of the above. \$0.15 \$0.85 \$1.45 \$2.50 \$8.00



Danvers Half Long Carrot

## CELERIAC

**Turnip-Rooted Celery.**—Large, turnip-like roots which keep well for winter use. Fine cooked, for flavoring soup or sliced and used as a salad.

**Large Smooth Prague.**—Almost round, uniform, smooth-skinned; free from side roots.

Pkt. Oz.  $\frac{1}{4}$  Lb.

Price of above.....\$0.05 \$0.30 \$0.85

**CELERY**

**Culture.**—Sow in a finely prepared seed-bed, and keep the bed moist. In setting, prepare shallow trenches, 6 inches deep and 4 to 6 feet apart, the plants 6 inches apart, cutting off the outer leaves and pressing the soil firmly about the roots. Good plants may be set out as late as the middle of August. One ounce of seed will produce 5,000 plants. These grow quickly, blanch easily and are especially adapted for fall and early winter use.

The Seed we offer is grown from specially selected perfect plants, there is a wide difference in seed raised from different growers.

**Fordhook.**—The finest-flavored, most brittle Celery ever grown. See illustration.

**First:** It retains the flavor which, in the green state, is as fine as when blanched.

**Second:** Solidity, free from the hollowness so often found in many celeries. See illustration.

**Third:** The stems, instead of being moon-shaped, are as near round as possible. This distinguishing characteristic is found only in "Fordhook" and is fully established. The market-gardener who grows Fordhook will find a ready sale for it.

Pkt.	$\frac{1}{2}$ Oz.	1 Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.
Price of above . . . . .	\$0.15	\$0.70	\$1.20	\$3.60
				\$6.60

**Easy Blanching Celery (The quickest and easiest to blanch).**—Superb quality, stringless and fine flavor. A variety of Celery with remarkable easy blanching characteristics and it will be found useful both for early and for keeping during the winter months, characteristics which are extremely valuable in a Celery to be grown in the home garden. The plants make a quick, healthy growth and the stalks are thick, very tender and brittle, with a rich flavor which will quickly appeal to all who eat it, and the ease with which it may be blanched, together with its long season for use, will strongly recommend it both to the amateur gardener as well as the commercial Celery grower.

Pkt.	$\frac{1}{2}$ Oz.	Oz.	$\frac{1}{4}$ Lb.	
Price of above . . . . .	\$0.15	\$0.40	\$0.75	\$2.50

**EARLY VARIETIES**

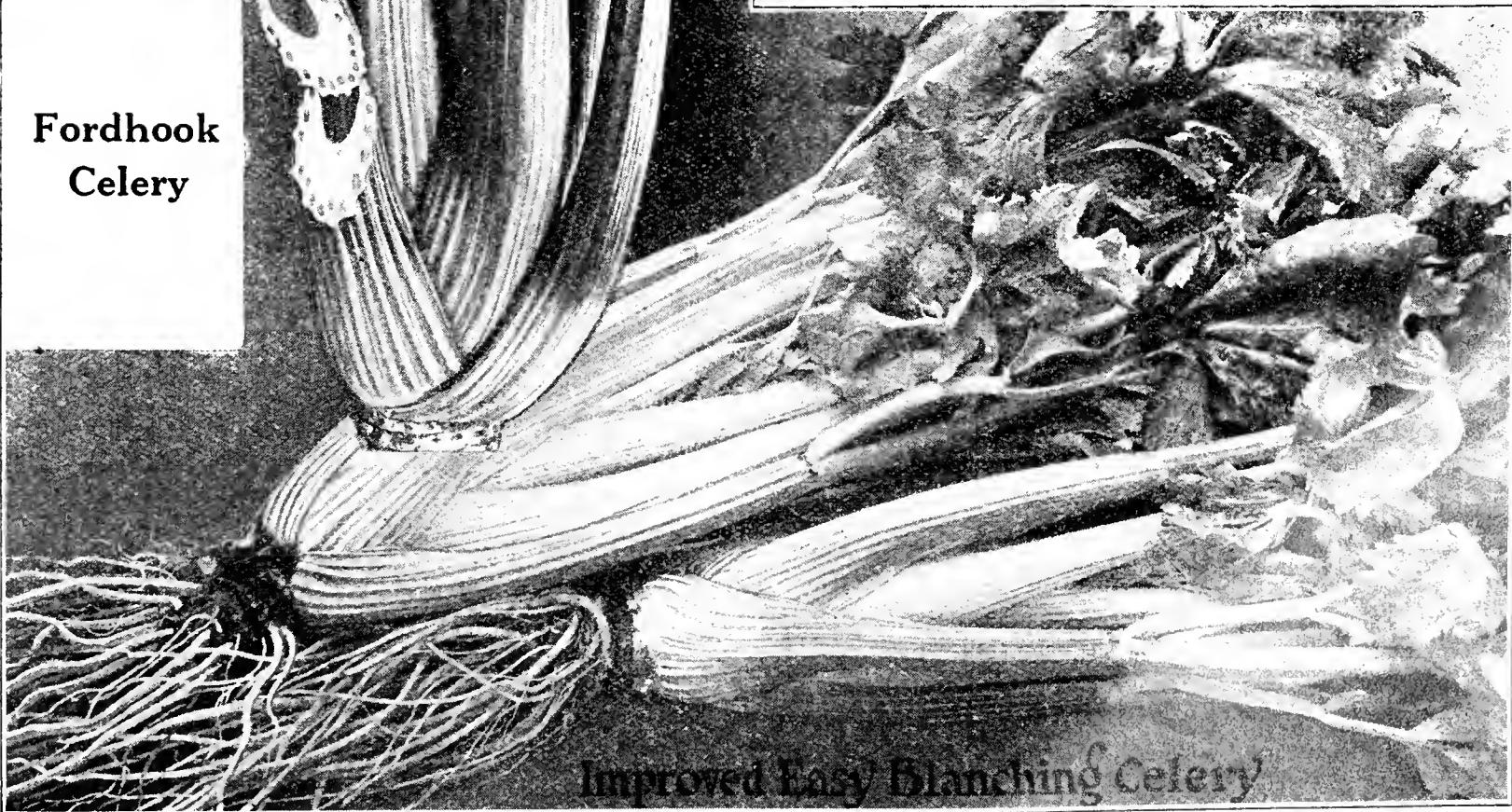
**Improved Golden Self-Blanching Celery.**—The best early Celery. Critical market gardeners say ours is the finest they ever had. The stalks are much broader than the White Plume and greatly superior in quality, and is ready for market almost as soon, producing dwarfer and much larger bunches of fine, heavy stalks, which are crisp, tender and of nut-like flavor. We can recommend this particular strain to our customers.

Pkt.	$\frac{1}{2}$ Oz.	Oz.	$\frac{1}{4}$ Lb.	
Price of above . . . . .	\$0.15	\$0.70	\$1.20	\$3.60



Fordhook  
Celery

Improved Easy Blanching Celery



**CELERY**

**Selected White Plume.**—Earliest variety grown; can be blanched for the table in September.

**Columbia Celery.**—A very early-maturing sort, unsurpassed in shape and quality, very stocky and heavy.

**Giant Pascal.**—Desirable green winter Celery. Long-keeping, robust, healthy, stocky, 2 feet high.

**Winter Queen.**—Best for late or winter keeper; ribs thick; very solid.

Pkt.  $\frac{1}{2}$  Oz. Oz.  $\frac{1}{4}$  Lb.

Price of above.....\$0.10 \$0.20 \$0.35 \$1.00

**Golden Plume**—An outstanding new variety of Celery. The plants are of strong growth and produce heavy stalks with a well-blanchered solid heart. Early and quite resistant to blight and rot. A very desirable variety, with good storing qualities; crisp and of excellent nutty flavor. Pkt. 25c.:  $\frac{1}{2}$  oz. 70c.; oz. \$1.25; 4 ozs. \$4.75.



Pe-Tsai

**PE-TSAI, CHINESE OR CELERY CABBAGE**

The seed should be sown in July to September, half inch deep in the row and rows about 24 inches apart. When the plant has grown up 5 or 6 inches in height thin to 10 inches apart, keeping the best and pulling up the others. Cultivate well, and when large enough should be blanched by earthing up. It produces nice, crisp, celery-like stalks, closely headed in, until it forms quite a compact mass. It can be eaten raw, made into salads, or cooked as cabbage or greens.

Pkt. Oz.  $\frac{1}{4}$  Lb.  $\frac{1}{2}$  Lb. Lb.

Price of above.....\$0.10 \$0.40 \$1.25 \$1.90 \$3.50

**CHICORY**

**Witloof.**—Largely used as an adulterant or substitute for coffee.

Pkt. Oz.  $\frac{1}{4}$  Lb.

Price of above.....\$0.05 \$0.25 \$0.75

**SWEET OR SUGAR CORN**

**Culture.**—Sugar Corn requires a good soil and a warm situation. Begin for First early by planting the early varieties about May 1, and, for a continuous supply all summer, make plantings about two weeks apart, from May 1, until late July, first planting early varieties, then later ones. Plant in rows 3 feet apart each way. One quart for 200 hills.

**FIRST EARLY VARIETIES**

**Premo.**—Ready for the table 60 days after planting. It is tender, sweet, deliciously flavored, and the ears are well filled to the very tip.

$\frac{1}{2}$ Pt. Pt. Qt. 2 Qts. 4 Qts. Pk.

Price of above.....\$0.15 \$0.25 \$0.45 \$0.85 \$1.75 \$3.25

**Diamond S.**—Very early, extra sweet, white grain on large ear. A most delicious corn.

**The Burpee.**—An early variety, maturing 7 to 10 days ahead of Golden Bantam. The ears are about 7 inches long. The Burpee has a flavor, very sweet, buttery and luscious.

**Golden Sunshine.**—A choice extra early yellow sweet corn, ears 7 inches long, kernels exceedingly sweet.

$\frac{1}{2}$ Pt. Pt. Qt. 2 Qts. 4 Qts. Pk.

Price of above....\$0.20 \$0.35 \$0.60 \$1.10 \$2.05 \$4.00

**SWEET OR SUGAR CORN**

**Extra-Early Dwarf Adams.**—Not Sugar Corn, but sweet and tender. Small ears.

$\frac{1}{2}$ Pt. Pt. Qt. 2 Qts. 4 Qts. Pk.

Price of above.....\$0.10 \$0.15 \$0.25 \$0.45 \$0.80 \$1.55

**MEDIUM EARLY VARIETIES**

**Black Mexican.**—Medium early, 8-inch ears, well filled with large kernels which, though black when ripe, are white when green and then exceptionally sweet.

**Early Evergreen.**—Ears as large as Stowell's; 10 days earlier.

**Howling Mob.**—The finest large-eared second-early Corn, of delicious flavor. It is far ahead of any other second-early Corn and sells on sight.

**Kendel's Early Giant.**—Large handsome ears; ready in 70 days. Very fine.

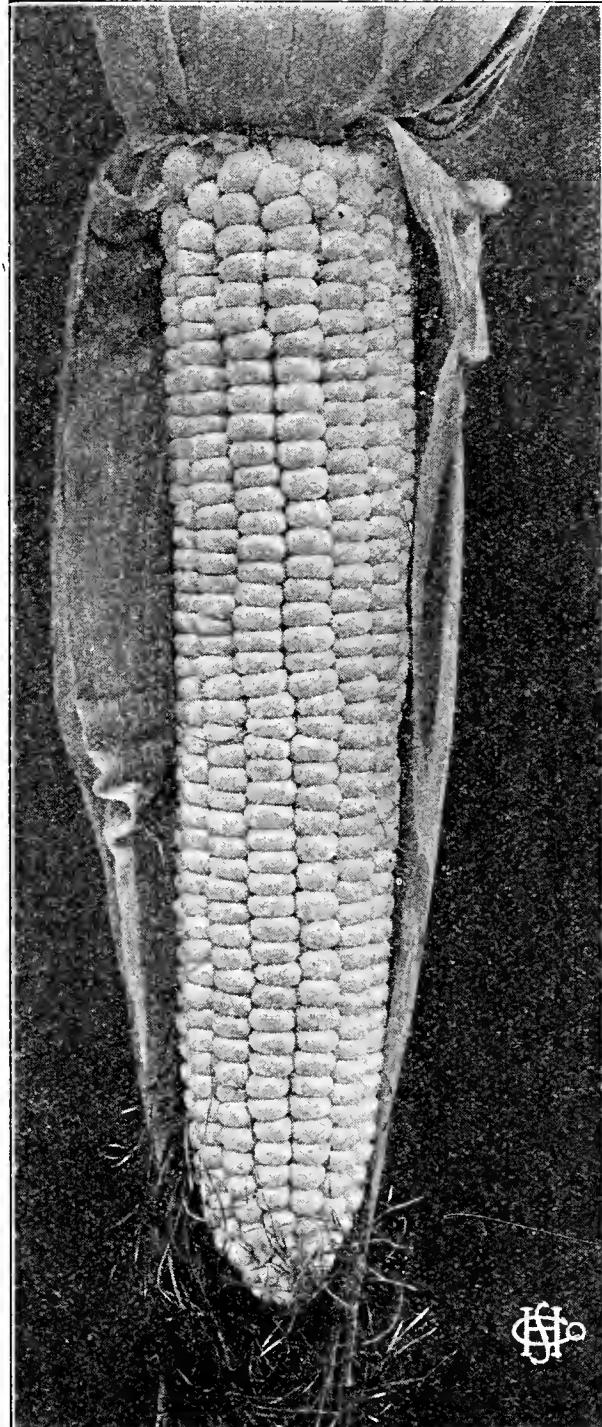
**LATE, OR MAIN CROP SWEET CORN**

**Country Gentleman.**—Ears 8 to 9 inches long; cob small and irregularly crowded with pearly white kernels of great depth; surpassingly sweet and tender.

**Stowell's Evergreen.**—The standard late, for home, market and canning; kernels long, tender and sugary.

$\frac{1}{2}$ Pt. Pt. Qt. 2 Qts. 4 Qts. Pk.

Price of above.....\$0.15 \$0.25 \$0.45 \$0.85 \$1.75 \$3.25

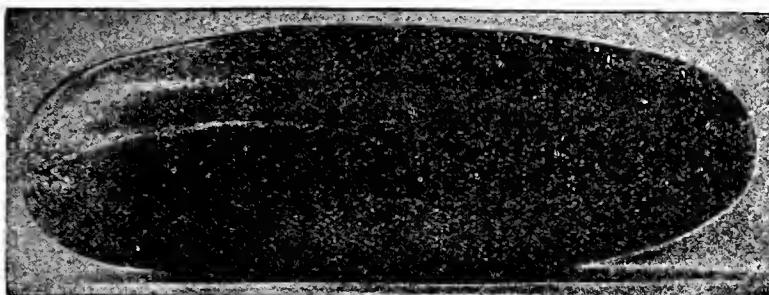


Stowell's Evergreen



**CUCUMBERS**

**Culture.**—Plant when the ground has become thoroughly warmed, in hills 4 feet apart each way, 8 seeds in a hill; when the second set of leaves have formed thin out to 4 plants in a hill.

*Black Diamond*

**Black Diamond.**—A very early, dark green, white spine, fruit, about seven inches long, cylindrical in shape, very productive, and holds its dark green color a long time; a very desirable variety for the market gardener and for shipping.

**Special White Spine.**—An extra-fine type of the best and most widely grown Cucumber in America. Unsurpassed as a table and market sort, and is also used for pickling.

**Boston Pickling.**—Ideal for pickling, a big yielder.

**Davis Perfect.**—A forcing variety of excellent quality, shape and productiveness.

**Early Cluster.**—An early, prolific, prickly, short green Cucumber.

**Early Frame, or Short Green.**—For slicing or pickling; productive; early. Medium sized.

**Everbearing.**—Form perfect; rich, deep green; desirable for pickling. Very early.

**Jersey Pickle.**—Produces more dark green pickles than any other variety we ever tested.

**Improved Long Green.**—Fruits 12 to 14 inches long; firm; crisp; excellent.

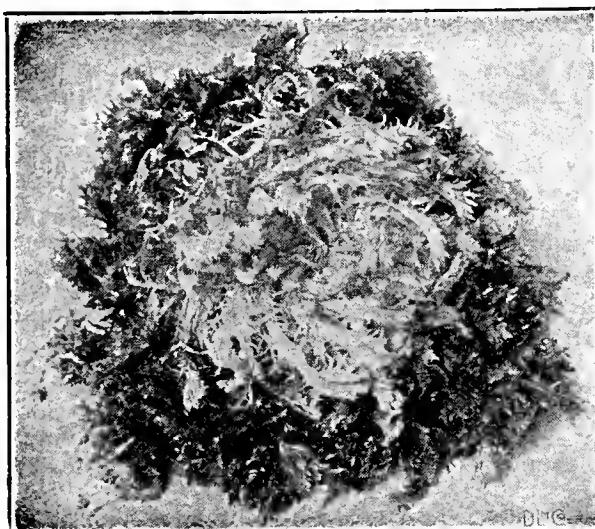
Pkt.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	Lb.	
Price of above.....	\$0.05	\$0.15	\$0.50	\$0.75	\$1.20

**DANDELION**

A useful salad plant, especially when Endive and Lettuce are scarce in winter. The roots are grown in a similar manner to Chicory, and large quantities of the blanched leaves are sold in the market for this esculent. 1 ounce will sow a row 200 feet long.

**Improved Large.**—Leaves broad and fleshy; very tender.

Pkt.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	Lb.
Price of the above.....	\$0.10	\$1.00	\$3.00	

*White Curled Endive***ENDIVE**

**The Cultivation of Endive.**—Sow for early crops in middle of April, and for succession to beginning of August; thin out to about 10 inches apart. A simple method of blanching is to put an inverted pot over each plant and cover it with leaves or straw. 1 ounce will sow 200 feet of drill.

**Green Curled.**—Dwarf, and beautifully curled.

**White Curled.**—Superbly curled and laciniated; easily blanched, very tender.

**Broad Leaved Batavian.**—Tender broad leaves, crisp good flavor.

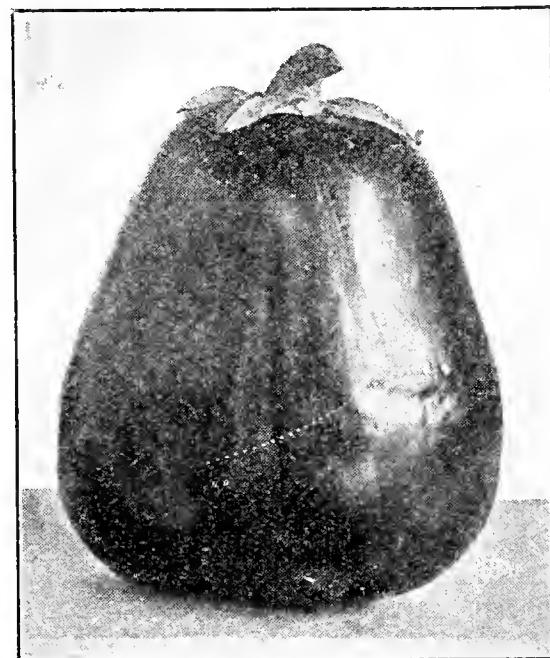
Pkt.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	Lb.
Price of above.....	\$0.05	\$0.15	\$0.50	

**EGG PLANT**

**The Cultivation of Egg Plant.**—Sow in gentle heat early in April, transplant towards the middle of June, setting the plants 3 feet apart each way. One ounce of seed produces about 2,000 plants.

**Black Beauty.**—Fruit jet black; good form and solid.

Pkt.	$\frac{1}{2}$ Oz.	Oz.	$\frac{1}{4}$ Lb.	
Price of above.....	\$0.10	\$0.25	\$0.45	\$1.50

*Black Beauty***KALE OR BORECOLE**

Kale is more hardy than cabbage, and will endure considerable frost without injury. Cultivate like cabbage.

**Dwarf Green-Curled Scotch.**—Beautifully curled; bright green; very hardy; delicious flavor.

**Siberian.**—Grows vigorously; green foliage with bluish tinge or bloom.

**Tall Scotch.**—Same as the dwarf green except that it grows taller.

Pkt.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	Lb.	
Price of above.....	\$0.05	\$0.15	\$0.40	\$0.60	\$1.00

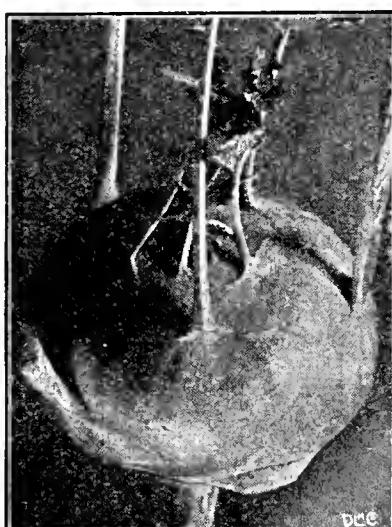
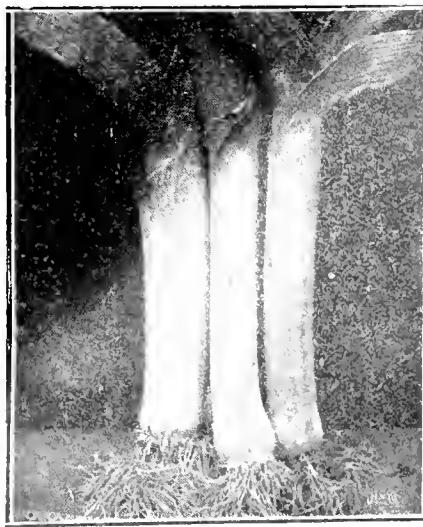
**KOHL RABI**

**The Cultivation of Kohl Rabi.**—Prepare a breadth of good, well-manured soil. Drill the seeds in rows, about 15 inches apart in May, and thin out to about 9 inches apart. They are ready for use when they attain the size of a small Turnip.

**Earliest White Vienna.**—Garden Kohl Rabi.

**Earliest Purple Vienna.**—Garden Kohl Rabi.

Pkt.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	Lb.
Price of above.....	\$0.10	\$0.20	\$0.75	

*Kohl Rabi**Leek*

**LEEK**

**The Cultivation of Leek.**—Sow early in April, and transplant early in July into trenches of well-manured soil, say 1 ft. in depth, and 1 ft. 8 in. between the plants. In warm weather liberal dressings of liquid manure will be of service, and the plants should be afterwards carefully earthed up to blanch the stems. For exhibition, sow in January in boxes under glass, and transplant as early as the ground can be worked into rich soil.

**Broad London Flag.**—Hardy; whole plant is edible; quick-growing for early use.

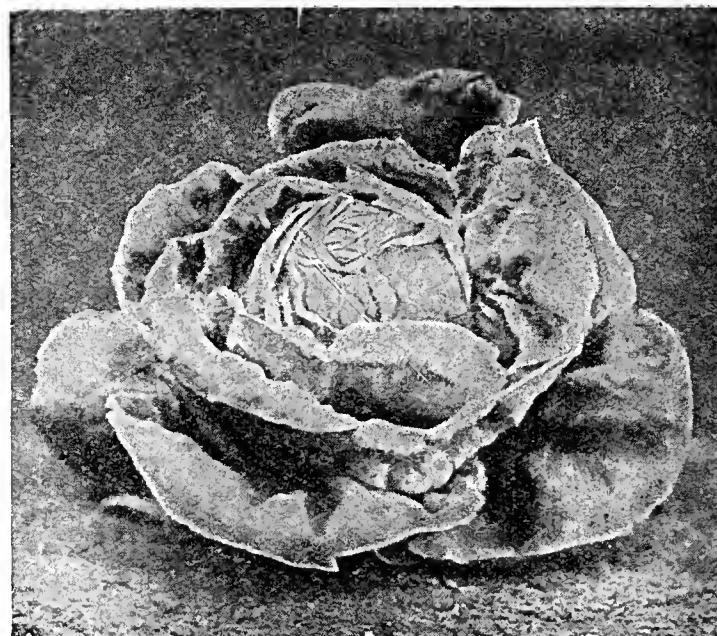
	Pkt.	Oz.	$\frac{1}{4}$ Lb.	
Price of above.....	\$0.10	\$0.25	\$0.75	

**LETTUCE**

**Cultivation of Lettuce.**—Sow the seed in hotbeds during February or early March. As the seedlings appear prick them into flats or cold frames, leaving several inches between the plants for growth. As soon as a nice, rich warm spot can be worked in the open, transplant the sturdiest plants in rows 1 foot apart and leaving 8 to 12 inches between the plants in the rows. For a succession of growths sow the seeds very lightly in open ground and thin the plants to 6 inches or more apart. Do this as often as one bed is rid of its result. Some varieties will do very well during the winter in a cool forcing house. One ounce of seed will produce 2,000 plants.

**Improved Grand Rapids Lettuce.**—Improved by years of selection; grows larger and absolutely free from "rogues". It makes large, compact bunches of light golden foliage, the leaves having finely curled or fringed edges.

	Pkt. $\frac{1}{2}$ Oz.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	1 Lb.
Price of above.....	\$0.05	\$0.10	\$0.15	\$0.45	\$0.75



Improved Big Boston Lettuce

**CURLED, OR CUTTING LETTUCE**

This type does not form compact heads, but large masses of curly, crisp leaves, which are practically everbearing, as they keep growing after picking.

**Black-Seeded Simpson, Earliest of All.**—Large, loose heads; curly, yellow leaves.

**Early Curled Silesia.**—One of the best cutting varieties.

**Early Curled Simpson.**—Yellowish green; curly; earlier than head Lettuces.

**Early Prize-Head.**—Large, loose heads, stained red; curled.

	Pkt. $\frac{1}{2}$ Oz.	Oz.	$\frac{1}{4}$ Lb.	
Price of above .....	\$0.05	\$0.10	\$0.15	\$0.45

**MELONS--MUSK**

**Culture.**—Melons thrive best in a moderately enriched, light soil; the hills should be 3 to 6 feet apart each way. Previous to planting, mix well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure; plant 8 or 10 seeds in each hill early in May and when well up thin out to 3 or 4 plants to the hill. One ounce for 60 hills.

**Burrell's Gem.**—The Golden colored netting is similar to that of Rocky Ford Melon, making it very fine in appearance.

**Emerald Gem.**—A splendid Melon. Fruit conveniently small or medium-sized, globular, or slightly flattened at the ends, only slightly netted and ribbed; skin green, tinged with yellow; flesh deep salmon-yellow, thick, ripening close to the rind and exceedingly high flavored.

**Extra-Early Hackensack.**—Hardy, prolific, round, deeply ribbed, coarsely netted, green flesh, delicious.

**Fordhook.**—Fordhook Muskmelon is a most delicious variety, planted both for market and home use. The melons grow to handy size and are very attractive. They are of a round-flat thick shape; well ribbed and heavily covered with a fine gray netting. The flesh is very thick and of a bright orange salmon shade. The most outstanding characteristic of this melon is its superb luscious sweet flavor.

**Gold Lined Rocky Ford.**—A splendid strain of Rocky Ford. This melon, however has a gold lining next to the seed cavity. The flesh is very thick, sweet and spicy, while the shape is round with a complete covering of netting and no ribs.

**Hearts of Gold.** A splendid midseason variety; fruit round, distinctly ribbed; flesh, which is a deep salmon color, is thick and can be eaten very close to rind; excellent quality and a good shipping melon.

	Pkt. $\frac{1}{2}$ Oz.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	Lb.
Price of above.....	\$0.05	\$0.15	\$0.50	\$0.75	\$1.25



**Crisp as Ice**—A slightly elongated, medium sized, compact heading variety; leaves very broad, somewhat blistered, crumpled, very thick and stiff; outer leaves variegated dark brown and green, the brown predominating; quality excellent.

**Improved Big Boston Lettuce.**—Quality Superb. Absolutely will not turn red. Leaves lay close and form a compact, buttery head. We have given it the name "Improved" so as to distinguish it from any other strain on the market.

**Burpee's Wayahead.**—This lettuce represents a wonderful combination of earliness, firm heading character, good appearance and fine quality. It forms tightly folded heads with few light green outer leaves. The entire heart blanches to a rich buttery yellow tint. The heads are of medium size and mature very quickly.

**May King.**—Heads of globular shape, firm and close; color, light green; ribs delicate and waved center is of a light-yellow and very tender.

**Paris White Cos.**—A very widely grown variety of Romaine Lettuce that will form well-folded heads in 7 to 8 weeks after sowing. Crisp juicy and snappy and blanches to a beautiful creamy white.

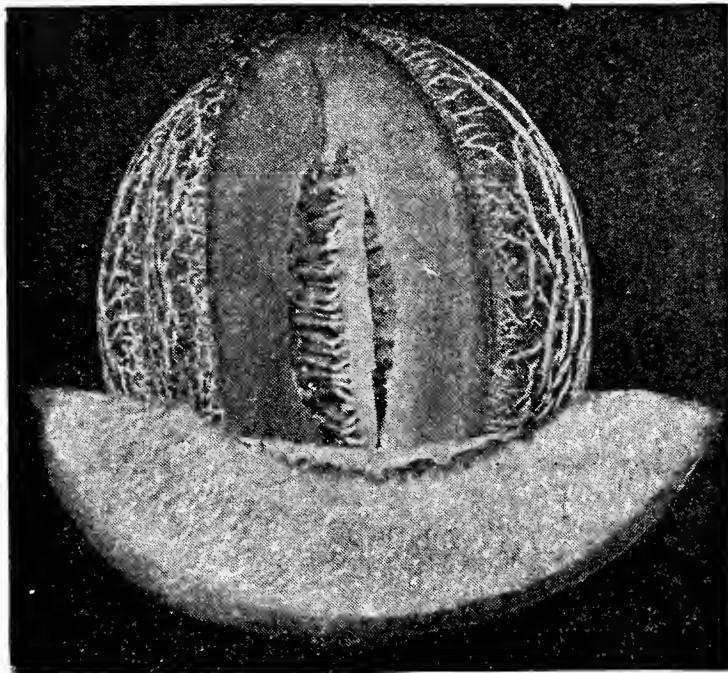
**Iceberg.**—A large solid-headed very crisp kind, the hearts of which under moderate cultivation weigh from 2 to 3 pounds.

	Pkt. $\frac{1}{2}$ Oz.	Oz.	$\frac{1}{4}$ Lb.	
Price of above.....	\$0.05	\$0.10	\$0.15	\$0.45

**New York, or Wonderful.**—Immense heads; solid, crisp, tender, delicious.

	Pkt. $\frac{1}{2}$ Oz.	Oz.	$\frac{1}{4}$ Lb.	
Price of above.....	\$0.10	\$0.15	\$0.25	\$0.60

## MELONS--MUSK



Honey Dew

**Honey Dew.**—The average size of the melon is six inches in diameter and seven to eight inches in length, weighs five to six pounds. The skin is smooth, and is a creamy yellow when ripe. The flesh is an emerald green, very thick, melting and very fine grained; can be eaten to the extreme rind. The seed cavity is very small, the melon does not shrink in weight, is not easily bruised and is a splendid shipper. It matures about ten days later than the Rocky Ford strains and is very prolific. The melon slips from the vine when ripe and will keep for several weeks.

Pkt. Oz.  $\frac{1}{4}$  Lb.  $\frac{1}{2}$  Lb. Lb.  
Price of above.....\$0.10 \$0.20 \$0.65 \$1.00 \$1.75

**Miller's Cream, or Osage.**—Medium to large, oval, netted; flesh rich salmon; deep, firm, sweet and melting.

**Perfection, or Princess.**—Early round, beautifully netted; best red fleshed.

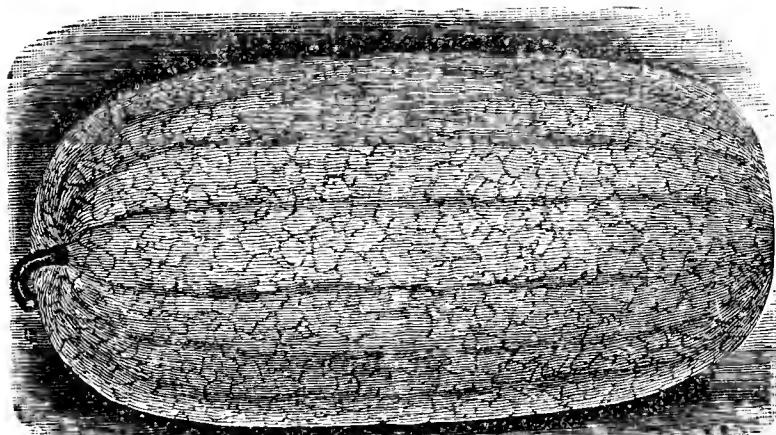
**Rocky Ford.**—Green flesh; this is one of the most popular of small or basket Melons and is shipped in large quantities from Colorado and Arizona.

**Tip Top.**—A large size main-crop variety, varying in shape from round to slightly oblong. The pale green skin is distinctly ribbed and slightly netted. The beautiful deep salmon flesh is sweet and spicy.

Pkt. Oz.  $\frac{1}{4}$  Lb.  $\frac{1}{2}$  Lb. Lb.  
Price of above.....\$0.05 \$0.15 \$0.50 \$0.75 \$1.25

## WATERMELONS

**Culture.**—Select rich, deep sandy loam, well worked and highly manured. Plant when all danger of frost is over, in hills 5 to 6 feet apart each way. Scatter a dozen seeds to a hill, thin to three or four plants. When they have four or five rough leaves, pinch off the ends of the main shoots. One ounce to 30 hills. Four pounds per acre.



## WATERMELONS

**Dark Icing.**—Early, round, solid; thin, dark green skin; of superior quality.

**Florida Favorite.**—Superior; large; oblong; striped; luscious red flesh.

**Fordhook**—A medium sized melon; round, much flattened at the ends, decidedly ribbed and fairly netted; skin deep emerald green; flesh thick orange-yellow in color and of excellent quality.

**Gray Monarch, or Long White Icing.**—Very large; long; crimson flesh.

**Kleckley's Sweet.**—Flesh bright scarlet; crisp, sugary and melting. See illustration.

**Tom Watson.**—New. Large variety; 18 to 24 inches long; weight 40 to 50 pounds; flesh deep red; good shipper.

Pkt.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	Lb.		
Price of above.....		\$0.05	\$0.15	\$0.40	\$0.65	\$1.10

## BURPEE'S HALBERT HONEY

**Burpee's Halbert Honey.**—Burpee's Halbert Honey is "The sweetest of all watermelons." It is a handsome melon of regular form, and immensely productive. The fruits are long and blunt at both stem and blossom-end, entirely free from any neck. They measure 18 to 20 inches in length by 6 to 8 inches in diameter. The color of the skin is clear glossy deep green and the flesh is a beautiful crimson extending within less than half an inch of the rind. It is essentially a home garden variety, since it does not stand shipping well. Sweet as honey.

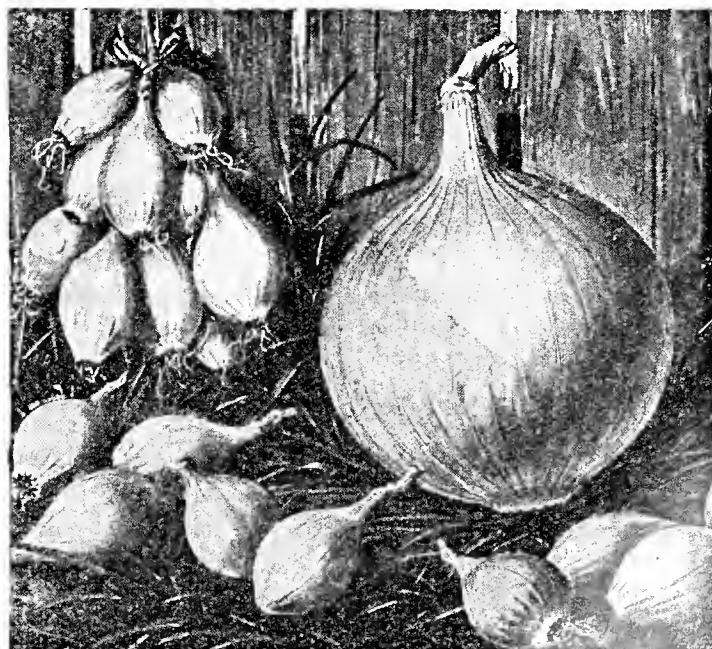
Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.	2 Lbs.	5 Lbs.			
Price of above.....		\$0.10	\$0.20	\$0.50	\$0.75	\$1.25	\$2.25	\$50.3

## OKRA OR GUMBO

**Culture.**—Early in May the seed should be sown in rows about 3 feet apart and 2 inches deep. As the plants appear thin to about 1 foot apart. One ounce of seed will plant 40 feet of drill.

**Dwarf Prolific.**—Compact and stocky plants. Rich green pods. Bear profusely.

Pkt.	Oz.	$\frac{1}{4}$ Lb.		
Price of above.....		\$0.05	\$0.15	\$0.30



Onion, Ohio Yellow Globe

## ONIONS

**Culture.**—Sow in early spring, in moist soil, as soon as the weather will permit, in rows 12 inches apart, and cover half an inch deep. If the Onions grow too thick, thin to about an inch apart, or only a few small Onions will be the result. Manure lightly (20 loads to the acre being used by market-gardeners with profit), if manure is not plentiful, some good phosphate, at the rate of 400 to 800 pounds per acre, will give splendid crops. A top dressing of wood ashes, applied after the second weeding, is very beneficial.

## ONIONS

**Ohio Yellow Globe.**—A select strain, uniform shape, attractive color, mild flavor and produces enormous crops of large Globe Onions.

Our strain of this particular Onion has the finest shape, best color and yields the largest crop of any yellow Onion. The bulbs are large and uniformly spherical, with very small necks, the largest diameter below the center of the bulb; of a rich orange-yellow; enormous yielders and splendid keepers. See illustration.

**Yellow Globe Danvers.**—This variety produces fine bulbs, averaging about 2 inches in diameter and nearly globe-shaped. Skin is light golden brown, flesh pure white, crisp and mild in flavor.

Pkt. Oz.  $\frac{1}{4}$  Lb.  $\frac{1}{2}$  Lb. Lb.  
Price of above.....\$0.10 \$0.20 \$0.55 \$1.00 \$1.75

**White Portugal or American Silverskin.**—A medium-sized Onion of mild flavor; it is a good keeper and fine for fall and early winter use.

Pkt. Oz.  $\frac{1}{4}$  Lb.  $\frac{1}{2}$  Lb. Lb.  
Price of above.....\$0.10 \$0.25 \$0.65 \$1.25 \$2.25

**Southport Red Globe Onion.**—The Onions from Southport, Conn., generally command an extra price in New York markets because of their beautiful shape and color, due partly to the variety grown and partly to the favorable soil and the extra care taken in handling the crop. The Southport Red Globe is of medium size, spherical, with small neck, very deep, rich red in color, and of superior quality.

Pkt. Oz.  $\frac{1}{4}$  Lb.  $\frac{1}{2}$  Lb. Lb.  
Price of above.....\$0.10 \$0.20 \$0.55 \$1.00 \$1.75

**Southport Yellow Globe.**—This is of the same general character as the Southport White and Red Globes, except that the skin is a rich yellow; flesh pure white and of a mild and delicious flavor. It is one of the most popular of the Yellow Globe Onions. All three Southport Onions ripen very evenly and on this account particularly are wonderful keepers.

Pkt. Oz.  $\frac{1}{4}$  Lb.  $\frac{1}{2}$  Lb. Lb.  
Price of above.....\$0.10 \$0.20 \$0.55 \$1.00 \$1.75

**Southport White Globe.**—Yields abundantly, producing handsome and uniformly globe-shaped bulbs. The flesh is firm, fine grained and of mild flavor.

Pkt. Oz.  $\frac{1}{4}$  Lb.  $\frac{1}{2}$  Lb. Lb.  
Price of above.....\$0.10 \$0.25 \$0.65 \$1.25 \$2.25

## ONIONS—Continued.

**Prizetaker, American Grown.**—It is larger and more uniform in growth than any other yellow variety. It is of beautiful appearance, with outside skin of a rich straw color, while the flesh is white, sweet, mild and tender. The average size is 12 to 16 inches in circumference.

Pkt.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	Lb.
Price of above.....\$0.10 \$0.20 \$0.65 \$1.25 \$2.25				

## ONION SETS

**White and Yellow Onion Sets.**—Grown from our selected strains. Prices are usually established March 1st.

## PARSLEY

**Culture.**—Soak seeds in water 24 hours before planting. Sow thickly early in rows one foot apart; cover half an inch deep; finally thin to 5 or 6 inches apart, or transplant and cut back frequently. One ounce will sow 100 feet of drill.

**Champion Moss Curled.**—Densely crimped, dark leaves.

**Extra Curled Emerald.**—Dwarf habit; productive.

**Extra Double Curled.**—A popular fine dwarf.

**Hamburg, or Turnip-Rooted.**—Fine for flavoring.

**Plain.**—The leaves are not curled; plant very hardy.

Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
Price of above .....\$0.05 \$0.15 \$0.35 \$1.00			

## PARSNIPS

**Culture.**—Sow early in spring, in drills 15 inches apart and half an inch deep in a rich soil; thin out to 6 inches apart in the rows. One ounce will sow 200 feet of drill.

**Guernsey.**—A half-long Parsnip. Flesh fine-grained; much sought for by market gardeners because of its fine appearance.

**Hollow Crown.**—Uniformly large and handsome roots of stocky form. Flesh white; fine texture; free from core and stringiness; fine flavored. Frost improves their quality. See illustration.



Pkt.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	Lb.
Price of above.....\$0.05 \$0.10 \$0.35 \$0.60 \$1.00				

## PEAS (Northern Grown)

**Culture.**—To grow for market sow in single rows 1 inch apart and 2 to 3 inches deep, the rows from 2 to 4 feet apart. When grown in garden sow in double rows 6 to 8 inches apart; tall sorts require brush. Begin sowing the extra-early varieties as soon as the ground can be worked in March; continue for a succession, every two weeks until June. One quart will plant 100 feet of drill; 1½ bushels to the acre.

**Late Pea, Alderman.**—One of the best second-early, wrinkled Peas. Vines vigorous, growing about 3½ feet high, with coarse, dark-colored leaves and producing an abundance of very large, dark green pods, filled with immense Peas of delicious flavor.

DWARF EXTRA EARLY  
Require no staking or brush

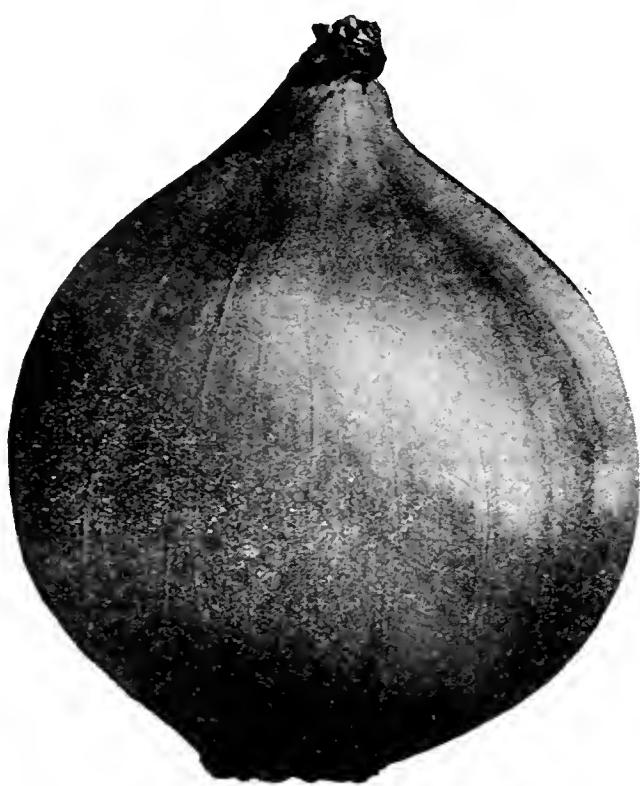
**American Wonder.**—10 to 12 inches. Extra early; of dwarf, compact growth, wrinkled; of the finest quality.

**Little Gem, or Premium Gem.**—16 to 18 inches. A dwarf, green, wrinkled Pea, prolific and of excellent flavor.

**Nott's Excelsior.**—14 inches. A popular, dwarf, wrinkled early; ready for the table in about 45 days; vigorous constitution and wonderfully productive; quality extra fine.

**Dwarf Telephone.**—1½ feet. Pods large, fine flavor.

Price	Pkt.	$\frac{1}{2}$ Pt.	Pt.	Qt.	2 Qts.	4 Qts.	Pk.	Bu.
of above \$0.10 \$0.15 \$0.30 \$0.55 \$1.05 \$2.00 \$3.50 \$11.00								



Southport Yellow Globe

**PEAS—Continued**

**Radio.**—(See Illustration.) This new pea is earlier than any other strain of extra-earlies known today. It is also larger podded, more prolific, and of decidedly better quality. The plants make a vigorous bush growth about 15 inches tall, loaded with the fine pods 6½ weeks after planting. An outstanding new variety.

Pkt.  $\frac{1}{2}$  Pt. Pt. Qt. 2 Qts. 4 Qts. Peck  
Price of above... \$0.10 \$0.15 \$0.30 \$0.55 \$1.05 \$2.00 \$3.50

**EXTRA EARLY MEDIUM HEIGHT**

**Pedigree Extra Early.**—2½ feet. An extra early round smooth white Pea unequalled in earliness, uniformity in ripening, size, yield and flavor. The universally popular extra early Pea for both market and private gardens.

**Potlatch, or Stratagem.**—2 feet. A dwarf, blue, Wrinkled Pea; a heavy cropper, producing large pods well filled with large marrow Peas of excellent flavor.

**Telephone, Special Strain.**—4 feet. Strong-growing; exceedingly productive pods of largest size, containing 7 to 9 large, wrinkled marrow Peas of rich, sugary flavor.

**Little Marvel.**—The vines are of dwarf, even growth, average 15 inches in height and are heavily set with fine pods, frequently borne in pairs. The pods average 2¼ inches in length, are square at the bottom and well filled with six to seven quite large, deep green Peas. The Peas are ready for the table fully as early as American Wonder, while the pods are larger and the vines produce a much heavier crop.

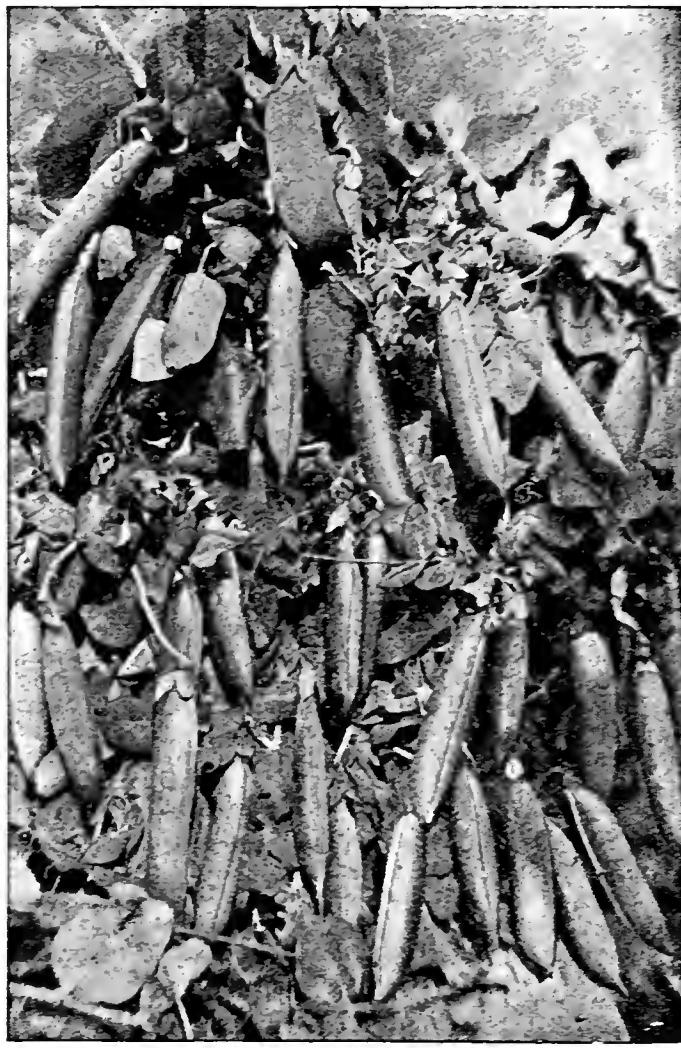
**Laxtonian.**—This is the largest podded of all Early Dwarf Peas. The vines are vigorous, growing about 16 inches high and produce a large crop of good-sized pods, averaging from 9 to 10 Peas to the pod. The Peas are of exquisite flavor and mature early.

Price of Pkt.  $\frac{1}{2}$  Pt. Pt. Qt. 2 Qts. 4 Qts. Pk. Bu.  
above... \$0.10 \$0.15 \$0.30 \$0.55 \$1.05 \$2.00 \$3.50 \$11.00

**PEAS—Continued**

**Gradus.**—Earliest large-podded Pea ever introduced. Height 3 feet. The vine has very heavy stems and produces uniformly large pods, measuring 4 to 4½ inches long, nearly round and well filled with 8 to 10 large handsome Peas.

**Thomas Laxton.**—A variety, producing large pods in abundance. Delicious; matures as early as the extra-early smooth Peas and, being a wrinkled sort, is much sweeter.



Pedigree Extra Early

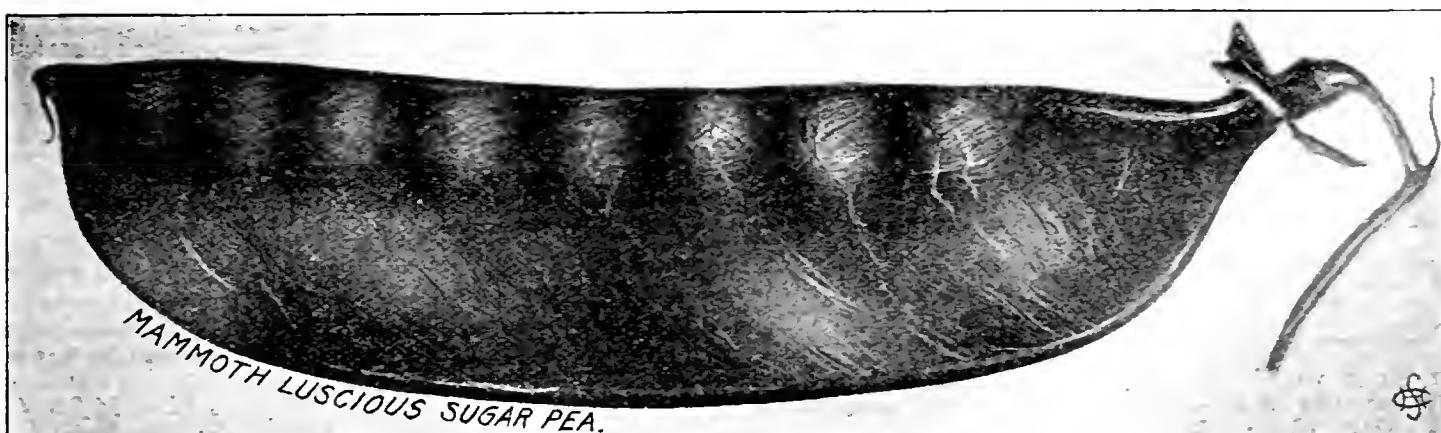
**SUGAR OR EDIBLE-POD PEAS**

**Dwarf Sugar.**—1½ feet. Extra-fine quality; productive and early.

**Tall Gray Sugar.**—4 feet. Immense pods; snap; 78 days. Price of Pkt.  $\frac{1}{2}$  Pt. Pt. Qt. 2 Qts. 4 Qts. Pk. Bu.  
above... \$0.10 \$0.15 \$0.30 \$0.55 \$1.05 \$2.00 \$3.50 \$11.00

**Mammoth Luscious.**—Excels in size, productiveness and quality. Vines average 36 inches; pods gigantic in size; broad, sweet and tender; extremely fleshy; equal to best snap beans for cooking pods and all.

Price of Pkt.  $\frac{1}{2}$  Pt. Pt. Qt. 2 Qts. 4 Qts. Pk. Bu.  
above... \$0.10 \$0.20 \$0.40 \$0.70 \$1.40 \$2.25 \$4.25 \$15.00



**PEPPER**

**Culture.**—Sow in hotbed in April, and in warm, settled weather transplant outdoors 18 inches apart in rows 3 feet apart, or, when all danger of frost is past, sow in open ground and thin. One ounce will produce about 1,000 plants.



**Burpee's Sunnybrook Pepper.**—The Sweetest and Most Prolific of all Pimento Peppers. The plants are much branched and heavily laden with the attractive smooth fruits. The individual fruits measure  $2\frac{1}{2}$  to  $3\frac{1}{4}$  inches in diameter and they are from 2 to  $2\frac{1}{4}$  inches deep from stem to blossom-end. The skin is smooth, glossy, and of a deep scarlet color. The most remarkable feature of Burpee's Sunnybrook Pepper is its sweetness. The flesh is very thick and remarkably sweet. See illustration above.

Pkt.  $\frac{1}{2}$  Oz. Oz. 4 Oz.  $\frac{1}{2}$  Lb.  
Price of above.....\$0.20 \$0.40 \$0.70 \$2.10 \$3.85

**Chinese Giant.**—Strong; stocky growth; bushy; erect; growing 18 inches to 2 feet high. Very prolific. Peppers very large in size; flesh thick, very mild.

Pkt.  $\frac{1}{2}$  Oz. Oz. 4 Oz.  $\frac{1}{2}$  Lb.  
Price of above.....\$0.15 \$0.45 \$0.75 \$2.25 \$4.10

**Giant Chill.**—The largest hot pepper grown; same shape as Cayenne but about four times as large.

**Ruby Giant.**—Extra large; vigorous in growth; mild and sweet as an apple; makes fine salad with tomatoes.

**Early Neapolitan.**—Fruits may be gathered the last of June. Thick-meated, mild and sweet; bright red. Plants frequently carry 30 to 40 handsome fruits.

**Golden Queen.**—Golden yellow; sweet and delicate flavor.

**Large Bell, or Bull Nose.**—Large, early; bright red; mild.

**Long Red Cayenne.**—Late; small, bright scarlet; cone-shaped; pungent pods.

**Ruby King.**—Prolific; early; flesh thick, mild, sweet.  
Price of above Pkt.  $\frac{1}{2}$  Oz. Oz.  $\frac{1}{4}$  Lb.  $\frac{1}{2}$  Lb.  
except where noted. \$0.10 \$0.20 \$0.35 \$1.00 \$1.85

**POTATOES—Pure Northern Grown Seed.**

At the time of this Catalog going to press we are unable to quote prices on Potatoes. Kindly write us your requirements and we will gladly quote you.

Our stock will be pure and of the finest selection. Standard varieties of Seed Potatoes, weigh 150 pounds to the bag. Plant 10 bushels to the acre.

**POTATOES**

**Red Bliss.**—Extra early, round, red, fine.

**Early Ohio.**—First early, or extra early, white flesh of most excellent quality.

**Early Rose.**—A good old standard variety, early, good yielder.

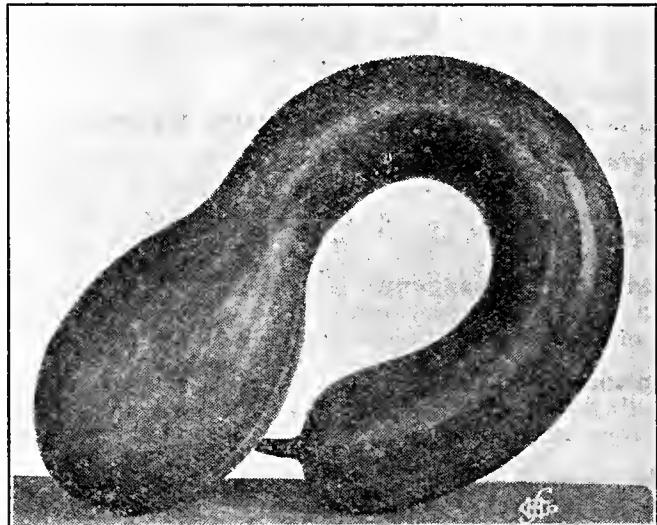
**Irish Cobbler.**—A great favorite, very early, good keeper, heavy yielder, shallow eyes.

**Russets.**—A robust grower, especially resistant to blight and drought, a good keeper, fine cooking quality and best of all—a dependable yielder of good crops of tubers.

**PUMPKINS**

**Culture.**—Sow in good soil in May, in hills 8 to 10 feet apart each way; or in fields of corn about every fourth hill. Avoid planting near other vines. One ounce will plant 25 hills.

**Mammoth Golden Cashaw or Crookneck.**—This splendid variety is of a rich golden-orange color, and grows to a large size. In its early stages it is dark green, ripening to a warm and rich color. The flesh is much thicker, sweeter and finer grained than in any other Pumpkin, and a deep rich yellow. For making pies this variety is superior, while for stock-feeding and keeping purposes it has no equal.



*Mammoth Golden Cashaw*

**Jumbo or Mammoth Potiron.**—No other Pumpkin ever introduced has reached such enormous weights, and been awarded so many prizes. It frequently attains a diameter of over 4 feet. The flesh and skin are golden yellow, and, notwithstanding its enormous size, it makes a good table Pumpkin.

**Cheese.**—The most popular for pies and table use; large, flat-round; creamy yellow skin; thick, orange flesh of fine quality.

**Winter Luxury.**—A superior pie Pumpkin, small but enormously productive, and an excellent keeper; shape round-oblong, about 10 inches in diameter, golden-russet, finely flavored.

**Improved Green Striped Cashaw.**—Improvement on White Cashaw, green and white striped; flesh rich yellow solid, fine-grained, thick and sweet.

**Tennessee Sweet Potato.**—Bell-shaped, white flesh, very thick and sweet.

**Japanese.**—Surpasses all others in flavor. Flesh thick, salmon-colored, fine grained, sweet.

**Connecticut Field.**—A productive, large, orange-colored field pumpkin, usually grown for stock feeding, but is also good for pies.

Pkt.	Oz.	$\frac{1}{4}$ Lb.	$\frac{1}{2}$ Lb.	Lb.	
Price of above.....	\$0.05	\$0.10	\$0.35	\$0.65	\$1.10

**RADISHES**

**Culture.**—Radishes delight in light, rich, mellow soil and to be crisp and tender must make rapid growth. For very early use, sow in a gentle hotbed in January and continue sowing every two weeks until September, in drills 10 inches apart. Sow winter Radishes in mid-summer and take up before severe frosts and store in sand or earth in a cool cellar. One ounce will sow 100 feet of drill; 10 pounds in drills will sow an acre.

**White Strasburg Summer.**—The most popular summer Radish. Both skin and flesh are pure white, almost transparent and of a delightful, pungent taste. It can be pulled five weeks from time of sowing, yet it will continue to grow without losing its fine quality and remains tender longer than any other summer sort.

**Vicks Early Scarlet Globe.**—Slightly olive shaped; a rich, bright scarlet in color; flesh tender and white. It is fit to pull among the very earliest and is much larger than most of the extra-early Radishes.

**White Icicle.—The finest flavored quick-growing Radish now in cultivation.**—We have no hesitancy in saying it is one of the finest long, white, forcing radishes known. The name is derived from the almost transparent whiteness of the root, which has no comparison among all existing Radishes. Leaves are short; taste is exceedingly fine.

**Early Scarlet Turnip White Tipped or Coopers Sparkler.**—Handsome; a little later than the extra-early forcing Radishes, but will give entire satisfaction where extreme earliness and small top are not the chief consideration. Roots slightly flattened on the under side; color, very deep scarlet with a distinct white tip; flesh white and of the best quality; fine flavored, crisp, juicy, solid and with never a hint of pithiness. This is an excellent variety, both for home and market purposes.

**Giant Forcing.—For forcing or open-ground culture.**  
**A variety for market gardeners.**—A new Early Turnip Radish, double the size of any of the early turnip-shaped type. This variety develops to 6 and often 7 inches in circumference, but notwithstanding its immense size, does not get hollow or pithy, the flesh remaining sparkingly white, solid, crisp and juicy and of the mildest flavor. The bright, deep crimson color of the skin remains quite constant. Excellent, both for forcing and open-ground culture.

**EARLY OLIVE OR OVAL SHAPED**

**French Breakfast.**—Oval; bright scarlet; white tip; dainty on the table.

**EARLY LONG**

**Cincinnati Market or Glass.**—Long, scarlet, straight, with a small top.

**Long Brightest Scarlet.**—Scarlet; tipped white; mild flavor.

**Long White Vienna or Lady Finger.**—Mild and tender.

**Pearl Forcing.**—Skin pure white; very early; resembles the Vienna.

**SUMMER AND AUTUMN**

**Charlott.**—Summer Radish; long; large; handsome; flesh white; delicious.

**WINTER**

**California Mammoth White.**—A favorite winter Radish.

**Rose China Winter.**—Skin rosy red; flesh white and firm.

**Round Black Spanish.**—Roots round; skin black; has white flesh.

**White Chinese or Celestial Radish.**—Never has a winter Radish won so much favor, and indeed it is worthy of all the praise given it. The true stock of this variety is stump-rooted, it can also be grown in late summer. The flesh is firm, solid and pure white. It keeps all winter in prime condition and is of mild flavor.

Pkt.	Oz.	¼ Lb.	½ lb.	Lb.
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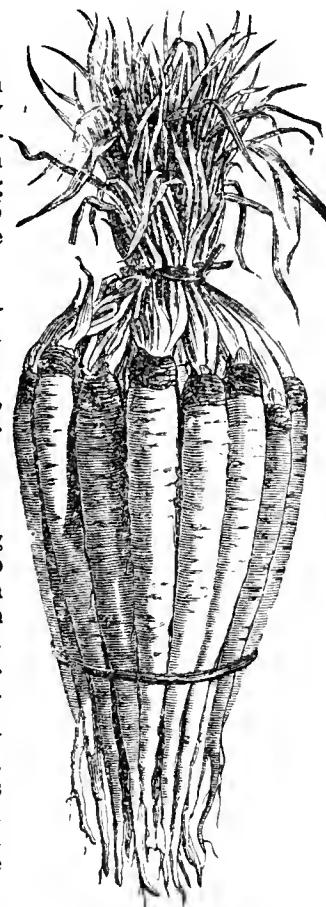
Price of above ..... \$0.05    \$0.15    \$0.35    \$0.55    \$0.75

**SALSIFY OR VEGETABLE OYSTER**

**Culture.**—It succeeds best in light, well enriched soil. Sow early and quite deep. The roots are perfectly hardy and may remain out all winter, but should be dug early in spring. One ounce for 75 feet of drill. Ten pounds to the acre.

**Mammoth Sandwich Island.**—Larger and less liable to branch than Large White.

Price of above: Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; ½ lb., \$1.25.

**SPINACH**

**Culture.**—Sow in early spring in drills a foot apart, every two weeks for a succession, and thin out for use. For fall use sow in August; for winter in September. One ounce will sow 100 feet of drill. Ten pounds to the acre in drills.

**King of Denmark.**—This new variety is well worth a trial. The plants form compact bushes with round, thick leaves, a rich dark green and much crumpled. It stands unusually long before bolting to seed, excellent quality, a very heavy cropper.

**Prickly or Winter.**—Very desirable for Fall sowing and will live through the Winter if protected with hay or straw.

Pkt.	Oz.	¼ Lb.	½ Lb.	Lb.
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Price of above ..... \$0.10    \$0.15    \$0.20    \$0.35    \$0.50

**New Zealand.**—An excellent hot weather variety, withstands heat and makes a strong growth, producing a continuous supply of good quality leaves. Cannot stand frost.

Pkt.	Oz.	¼ Lb.	½ Lb.	Lb.
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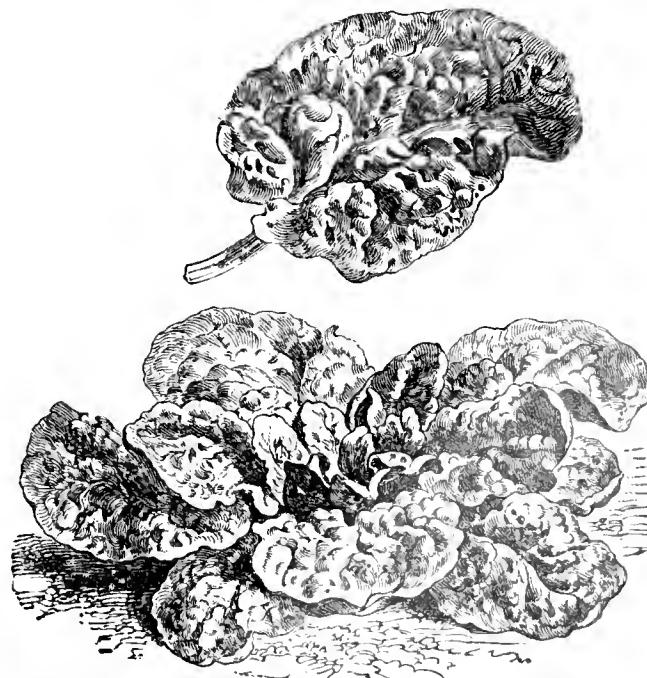
Price of above ..... \$0.10    \$0.20    \$0.40    \$0.60    \$0.95

**Bloomsdale or Norfolk Savoy.**—Fall planting; fleshy, curled; hardy.

**Long Season.**—Can be grown successfully in hot weather without going quickly to seed. Leaves are very dark green, and grow in a thick, rounded cluster; tender and succulent; remain fresh and crisp for a considerable time after cutting.

Pkt.	Oz.	¼ Lb.	Lb.
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Price of above ..... \$0.05    \$0.10    \$0.15    \$0.40



Bloomsdale Spinach

**SQUASH**

**Culture.**—The Squash is one of the most nutritious and valuable of garden vegetables. The summer varieties come to the table early in the season, while the fall and winter sorts can be had from August until the following spring. The winter varieties are very well adapted for stock feeding, and we heartily recommend them for that purpose. Squash plants are very tender and sensitive to cold and so planting

*Improved Hubbard*

must be delayed until settled warm weather. General methods of culture are the same as for cucumbers and melons, but the Squash is less sensitive to unfavorable conditions of soil. Summer varieties should be planted four to five feet apart each way, and winter sorts eight to twelve. Three plants are sufficient for a hill. Winter Squashes should be stored in a moderately warm, dry place and the temperature kept as even as possible. For those who desire very early Squashes, seed can be planted in boxes, and transplanted.

Insect pests that attack the vines when small, such as the striped beetle, may be kept off by frequent dustings with air slaked lime, tobacco dust, soot or sifted ashes diluted with fine road earth.

**Boston Marrow.**—Fall and winter variety; large, oval form; skin thin, bright orange, with netting of light cream-color, flesh rich salmon yellow, fine grained, excellent flavor.

**Fordhook.**—Early; sweet; dry; good summer variety; oblong.

**Golden Hubbard.**—A true Hubbard, except in color, which is bright red. Wonderfully productive, fruits weigh from six to eight pounds; shell warty and strong; flesh deep orange to shell; cooks very dry; good flavor.

**Improved Hubbard.**—One of the best winter Squashes; flesh bright orange yellow, fine grained, very dry.

**White Patapan.**—Greenish white flesh. Good quality. Early, productive. Pkt. Oz.  $\frac{1}{4}$  Lb.  $\frac{1}{2}$  Lb. Price of above.....\$0.05 \$0.20 \$0.50 \$0.75

**TOMATO**

All our Tomato seeds are from seed stocks carefully selected. **Culture.**—Tomatoes do best on light warm, not over rich soil. Sow in hotbeds from six to eight weeks before they can be set out of doors; when the plants have four leaves transplant into shallow boxes or cold frames, setting from 4 to 5 inches apart. Set out of doors as soon as danger from frost is over. The fruit will be better in quality if the vines are tied to trellis or stakes. One ounce for 3000 plants.

**Beefheart.**—Shaped like a heart. Fruit very large and solid with very few seeds. Skin is pink, same as Ponderosa. Flavor is unsurpassed.

**Beefsteak or Crimson Cushion.**—**The very best large-fruited bright crimson tomato.**—The Crimson Cushion is well worthy of its name; in beauty of coloring and symmetry of form, it is indeed without a peer. The vines are of strong, vigorous growth, well set with fruit; the foliage is very rich dark green in color. The fruits are of the largest size, which size is maintained throughout the season.

**Marglobe.**—Large well-rounded, bright scarlet-red tomatoes. Plants are resistant to Nail Head Rust and Fusarium Wilt. One of the best introductions in recent years.

**Ponderosa.**—The largest tomato of all. Pkt.  $\frac{1}{2}$  Oz. Oz.  $\frac{1}{4}$  Lb. Price of above.....\$0.15 \$0.35 \$0.60 \$1.80

**TOMATO—Continued**

**Golden Queen.**—Yellow-fruited tomatoes are not as widely grown as the red ones, even though they are preferred by some people on account of their flavor. A main-crop variety, bearing a large crop of smooth, flattened, pure yellow fruits.

**Livingston's Dwarf Stone.**—Resembles Livingston's Stone in color and shape. Specimen fruits weighing 1 pound are common. More productive and as early as New Dwarf Stone.

**John Baer.**—This extremely early tomato is still gaining in popularity, and is better today than it ever was. It is a perfect, high crown tomato, entirely free from core, an enormous yielder, setting its fruit in clusters, ripens evenly up to the stem end, is uniform with practically no misshapen, uneven fruit. It will not burst when dead ripe. Has a mild deliciously-sweet flavor, and is a solid mass of meat with very few seeds. John Baer tomato has a brilliant glistening red color. Its skin is tough which makes it a good shipper. It is a variety that will increase in fruit production rather than foliage when heavily manured.

**Matchless.**—Fruit large, smooth, free from core, cardinal red.

**Spark's Earliana.**—Remarkable for earliness; large size; handsome shape and bright red color; solid; fine quality.

**Stone.**—Fruit round, apple-shaped; very large; deep red; heavy, solid, quality unexcelled. Pkt. Oz.  $\frac{1}{4}$  lb. Price of above.....\$0.10 \$0.35 \$1.10

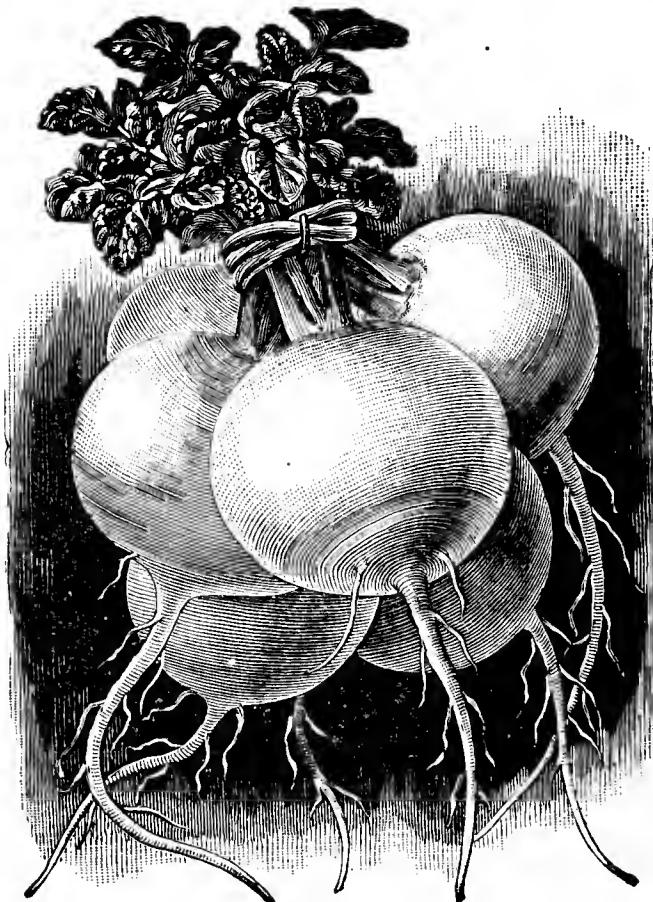
**TURNIP**

One ounce for 200 feet. 2 pounds to the acre. This wholesome and agreeable vegetable is most easily affected in its form and flavor by soil, climate and mode of culture.

Sow in drills about two feet apart and half an inch deep, or sow broadcast, but in either case be sure to have the ground rich and freshly stirred. Be careful to weed and thin out so the young plants will not be checked and injured. It is important to get the spring and summer crops started very early so that the Turnips may have time to grow to sufficient size before hot weather causes them to become tough and bitter.

**Early Purple-Top Strap-Leaved.**—Early; favorite for table use; medium size; flesh white.

**Purple-Top White Globe.**—Nearly as large as Pomeranian White Globe; white flesh; excellent, equally desirable for table or stock. Pkt. Oz.  $\frac{1}{4}$  Lb.  $\frac{1}{2}$  Lb. Lb. Price of above.....\$0.05 \$0.10 \$0.20 \$0.30 \$0.55

*Purple Top White Globe*

# SEED CORN

**Plant 8 quarts to an acre**

**Big Yellow Dent.**—This is without a doubt the finest Main Crop Field Corn grown. Thousands of farmers are using it everywhere. Large perfect ears with deep, wide grains. The ears average from 11 to 13 inches long with 20 to 24 rows of long large grains. It is an immense yielder, averaging from 25 to 40 per cent greater number of bushels to the acre than any of the average yields of other varieties. It gives an immense quantity of fodder, the stalks growing from 12 to 15 feet high. Our Seed Corn is grown right here in this locality and is therefore thoroughly acclimated for all parts of Pennsylvania. By all means grow this corn if you want the largest and best crop in your neighborhood.

**Lancaster County Sure Crop.**—This variety has been grown by Lancaster County farmers for years. The ear is long, rather narrow, with medium-sized grains. A very hardy grower; medium early; stalks average 9 feet.

**Ninety-Day Seed Corn.**—The tremendous quantity of shelled corn this variety produces to the acre surprises everyone who grows it. Generally two good ears to a stalk. The grain is very long and the cob very thin. It has a rich, deep yellow grain, making it much desired by millers. The fodder grows from 8 to 10 feet high. You are always sure of a good crop in the shortest season. A bushel of 70 pounds of ears will make 63 pounds of shelled Corn.

Price of above on application.

**NOTICE:** The Harrisburg Seed Company do not give and their agents and employes are forbidden to give, any warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants they send out and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned. All contracts and acknowledgments are contingent upon crop failures, partial deliveries by growers, strikes or other unavoidable causes beyond our control.

**Crow Tox.**—Rids your corn crop of crows and other corn pulling birds. Saves loss of seed and labor of replanting; aids and hastens germination; protects seed from rotting in the ground.

Large can, enough for two bushels of seed corn, \$1.00; small can, enough for one bushel, .60c.

## RECLEANED BIRD SEEDS, PET SUPPLIES, ETC.

**Prices quoted upon application**

**Canary, Plain Sicily**  
**Canary, Mixed**  
**Hemp Seed**  
**Millet Seed**  
**Rape Seed**  
**Bird Manna**

**Sunflower Seed**  
**Cuttle Fish Bone**  
**Fish Food.** Natural and Wafers  
**Sand for Bird Cages.** Fine, red or Silver. Silver (coarse).  
**Song Restorer** for Canaries

**Bird Bitters**  
**Louse Powder**  
**Seed Cups**  
**Bath Tubs**  
**Cage Brackets**  
**Cage Springs**

We specialize on our Sunflower, Plain and Mixed Canary. They are of the finest quality procurable.

### SPRATT'S DOG FOODS

**Spratt's Puppy Biscuits.**—The standard puppy food. A perfect and whole food for puppies of all breeds. Per lb., 15c.

**Spratt's Fibo.**—Per lb., 20c.

**Spratt's Ovals.**—Cartons, 20c.; 40c.; 75c.; 90c.

### Q-W DOG REMEDIES

Thousands of faithful, trusting dogs are killed every year by nasty shoddy dog dope cheaply thrown together by quacks who don't own a single dog. Poisonous messes made not for the dog, but merely for the dollar there is in them.

The very best drugs are used, regardless of price, the same as supplied by the most exclusive doctors and hospitals for humans. The Q-W remedies are compounded from drugs as pure as those you would use on your own child! Some of these drugs are imported from foreign lands for the benefit of your dog.

Your dog is helpless. He has to take whatever you give him. Why betray him with a cheap catch-penny poisonous mess when you can give him a remedy as pure and wholesome as you would like him to give you if he were the Master and you the dog? Surely the Golden Rule is broad enough to have just a little application to our faithful canine friend!

There's the spirit of "Q-W!" It is that anything not fit for you to use on yourself is not fit for you to use on your dog. And on that basis we sell these remedies for the use of man's most faithful and intelligent animal friend, The Dog.

We carry a full line of Q-W remedies. Write for a free copy of "A Few Practical Hints on Dog Raising and Keeping" by Henry Vibert. This will tell you just what to get for your dog if you wish to keep it in the best of health at all times.

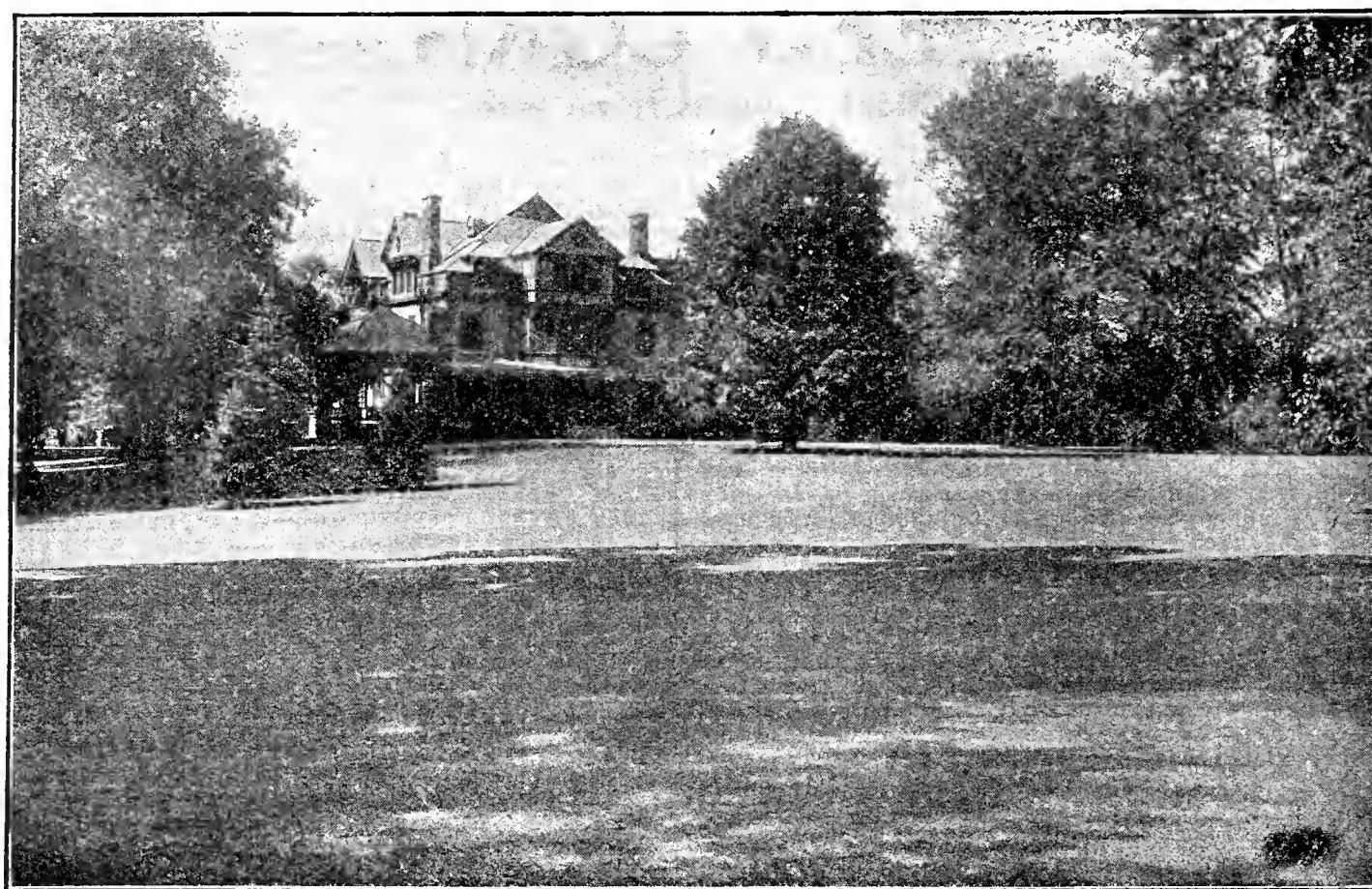
### POULTRY SUPPLIES

We handle a full line of the following National known remedies:

**Dr. Le Gear's**  
**Pratt's**  
**Hess'**  
**Lee's**  
**Saylor's Roup Remedy and Red Cross Grit**

### POULTRY FEEDS

**Pratt's**



## To Have a Good Lawn Sow Our Superlative Lawn Grass Seed

**The kind that gives lasting results. Four weeks from sowing you can use your mower**

A few words here. The seedsman is always censured if weeds come up in the lawn. We invariably purchase the finest grasses we can obtain, either here or abroad. Weed seeds are carried by the thousands by birds and by the manure you put on the soil. Even if you do not plant anything, weeds will come.

### MAKING AND CARING FOR THE LAWN

**Preparing and Manuring the Ground.** In making a new lawn, all grading, tree planting, and laying out of walks and drives should be done first. The ground should be thoroughly dug or plowed to a depth of 10 to 12 inches, after which some good fertilizer—pure ground bone or pulverized sheep manure is especially recommended—should be applied at the rate of 600 to 800 pounds per acre. The ground should be fine, perfectly smooth and even.

**Sowing the Seed, Rolling and Weeding.** The best time for sowing grass seed is in Spring, from February to May, or if in Fall from September to November, using on small plots at the rate of one pound of seed to each 100 square feet, and for large lawns, golf-links, tennis, cricket and croquet-grounds, use at the rate of 80 pounds of seed per acre, and for putting greens 100 pounds of seed per acre. After the seed has been sown broadcast, the ground should be thoroughly rolled; or, on small places, beaten with the back of a spade to "firm" the surface and press the seed into the soil. Annual weeds, natural to the soil, will appear before the young grass becomes established; none of these should be allowed to ripen their seeds.

**Renovating Old Lawns.** This should be done either in the Spring or early Fall, by raking the soil where bare spots occur, and sowing seed, taking care that it is not covered too deep, and also to roll or pat the surface smooth with a shovel.

**Cutting, Weeding and Watering.** When the grass has attained a height of 4 inches it should be mown, care being exercised not to cut it too close. Frequent rolling and mowing will make the turf close and compact, strengthen the grass, and render the lawn smooth and attractive. Lawns require frequent watering and feeding to keep up their vigor.

**Top Dressing In Fall.** A coating of wood-ashes and ground bone in the late fall is very beneficial and gives the lawn a good start in the spring. It is also advisable to roll the lawn after the last cutting in the fall; it prevents much of the young growth from freezing out at the roots.

**KENTUCKY BLUE GRASS.**—Some people prefer to sow this alone, and others like to mix it with White Dutch Clover as a lawn grass seed. **Price on application.**

**WHITE DUTCH CLOVER.**—Valuable for clay soils and those lacking in nitrogen. **Lb., 75c.; 5 lbs., \$3.50.**

## Superlative Lawn Grass Seed—Continued

**SUPERLATIVE MIXTURE.**—Superlative Lawn Seed has been thoroughly tested and gives perfect satisfaction. It insures a beautiful, green, smooth, velvety sward, which is often ready for cutting in from four to six weeks. Composed of fancy, recleaned domestic and foreign grasses, best adapted for a perfect and enduring lawn. No more sodding once Superlative Lawn Seed is used, for, if directions are followed, you are sure of good results. Seed in bulk, by freight or express, **1 lb., 60c.; 5 lbs., \$2.75; 10 lbs., \$5.00; bus. (20 lbs.), \$10.00.**

**SUPERLATIVE SHADY SPOT LAWN MIXTURE.**—The beauty of many lawns today is marred by the unsightly bare spots under trees and shrubbery and close to the

walks, due to all-day shade. Unfortunately, the regular Lawn Grass Seed will not thrive well in shady places, but this mixture will produce a velvety green sod in the very shadiest nooks and corners. The special grasses that are used in this mixture are mostly imported and high-priced, and we can recommend this variety to our most critical trade. The grasses are all fancy recleaned and we make the prices as low as possible consistent with the quality offered. Ground that is densely shaded is usually covered with moss and clumps of coarse grasses, which should be removed and the ground covered with slaked lime before sowing our special mixture. By freight or express, **1 lb., 60c.; 5 lbs., \$2.75; 10 lbs., \$5.00; bus. (20 lbs.), \$10.00.**

## SUPERLATIVE GLADIOLI

If Gladioli Bulbs are wanted by parcel post, add 5c. per doz., 35c. per 100, for postage. Single bulbs mailed free at quoted prices for same.

**Carmen Sylva.**—Snow white; large flowers well placed on always perfectly straight, tall stems; extra fine cutflower variety.  
Each Doz. 100  
Price.....\$0.08 \$0.85 \$6.50

**Crimson Glow.**—Glowing velvety crimson, shaded deeper in the center; tall strong grower, flowers well placed; considered the best in its color. Each Doz. 100  
Price.....\$0.05 \$0.50 \$4.00

**Dr. F. E. Bennett.**—Peach red, overlaid with flame scarlet, throat speckled ruby and creamy white; very large flowers of great substance, many open at a time on strong stem; sturdy grower. Each Doz. 100  
Price.....\$0.10 \$1.00 \$7.50

**Early Sunrise.**—Deep orange salmon with yellowish blotch on lower petals; very early, excellent florist variety, good forcer. Each Doz. 100  
Price.....\$0.10 \$1.00 \$7.50

**Evelyn Kirtland.**—Very warm rose pink, deeper at the edges of the petals, shading towards shell pink in the center, brilliant scarlet blotches on the lower petals; strong stem, making it one of the most desirable varieties for cutting. Each Doz. 100  
Price.....\$0.06 \$0.60 \$4.50

**Exhibition.**—Mixed, all colors. Doz. 50 100  
Price.....\$0.50 \$1.75 \$3.25

**Giant Nymph.**—Light rose pink, with creamy yellow throat; very large, wide open flowers, well arranged on long stems; grows 6 feet tall. Each Doz. 100  
Price.....\$0.06 \$0.60 \$4.50

**Golden Dream.**—Pure golden yellow, the spike and size of flower is like Golden Measure, though its color is better and clearer yellow. This variety will become one of the leading yellow cutflowers. Each Doz. 100  
Price.....\$0.10 \$1.00 \$7.50

**Golden Measure.**—Pure golden yellow; very large flowers of good substance; robust grower and considered the best yellow on the market; a superglad. Each Doz. 100  
Price.....\$0.08 \$0.85 \$6.50

**Halley.**—Salmon pink with creamy yellow blotch on lower petals; very early and great favorite as a commercial cutflower. Each Doz. 100  
Price.....\$0.05 \$0.50 \$4.00

**Jacoba Van Beyerens.**—Pure deep violet, self color; flowers well placed on tall, erect stem; highly recommendable. Each Doz. 100  
Price.....\$0.10 \$1.00 \$7.50

**Los Angeles.**—Beautiful shrimp pink with glowing orange carmine blotched in throat, tall and graceful stems. One of the best forcing varieties for florists, most bulbs blooming with two spikes. Each Doz. 100  
Price.....\$0.07 \$0.70 \$5.25

**Mary Pickford.**—Lovely creamy white with soft sulphur yellow throat; stem also creamy instead of green, giving the whole a delicate, unique appearance. Each Doz. 100  
Price.....\$0.06 \$0.60 \$4.50

**Mrs. Dr. Norton.**—Silvery white base tinged with pink, deepening towards the edges of the petals, creamy blotches in throat on lower petals; tall vigorous grower, splendid cutflower. Each Doz. 100  
Price.....\$0.08 \$0.85 \$6.50

**Mrs. Francis King.**—Flame red shaded salmon towards throat; very tall strong spike; an old favorite florist variety. Each Doz. 100  
Price.....\$0.05 \$0.50 \$4.00

**Mrs. Frank Pendleton.**—Deep rose pink shading to pale pink in throat, large bright crimson blotches on lower petals, giving it a striking appearance; tall vigorous grower, extra cutflower. Each Doz. 100  
Price.....\$0.06 \$0.60 \$4.50

**Mrs. Fred C. Peters.**—Fine lilac pink with purplish blotch in throat; many large flowers open at a time on long, erect stem; very vigorous grower, extra. Each Doz. 100  
Price.....\$0.08 \$0.85 \$6.50

**Mrs. H. E. Bothln.**—Geranium pink tinted salmon, flaming scarlet center, a very striking color combination; well placed, heavily ruffled flowers on strong stem, a leader. Each Doz. 100  
Price.....\$0.08 \$0.85 \$6.50

**Mrs. Leon Douglas.**—Begonia rose striped with flame scarlet, lower petal pale lemon, speckled ruby; tremendously large flowers, many open at a time; very tall, strong stem with several side shoots, the whole forming a gigantic bouquet; considered one of the largest glads in existence. Each Doz. 100  
Price.....\$0.08 \$0.85 \$6.50

**Mr. W. H. Phipps.**—La France Pink, overlaid with salmon rose, lighter towards the center, lower petals faintly striped and speckled with ruby; enormous flowers, as many as 20 open at a time and perfectly placed on gigantic stem; a real super glad. Each Doz. 100  
Price.....\$0.10 \$1.00 \$7.50

**Odin.**—Deep salmon pink with intense carmine blotch on lower petals, giving it a very warm color combination; large flowers on strong stem, very early, splendid cutflower. Each Doz. 100  
Price.....\$0.07 \$0.70 \$5.25

**Peace.**—Very large, nearly white, with pale violet feathering on lower petals; flowers correctly placed on a tall, graceful spike. Each Doz. 100  
Price.....\$0.06 \$0.60 \$4.50

**Purple Glory.**—Deepest velvety maroon with almost black blotches; large, ruffled flowers on very tall, sturdy stems; a real giant in all respects. Each Doz. 100  
Price.....\$0.10 \$1.00 \$7.50

**Rose Ash.**—Old rose overlaid and blended with pink, blue and red, giving the color of ashes of roses, hence its name; large flowers on tall, strong spikes; very attractive. Each Doz. 100  
Price.....\$0.08 \$0.85 \$6.50

**Scarlet Wonder.**—Purest deep scarlet; mammoth flowers; many open at a time on tall, stiff stems; a real giant. Each Doz. 100  
Price.....\$0.10 \$1.00 \$7.50

**Virginia.**—Flaming scarlet; large massive flowers, many open at a time, making a gorgeous display of dazzling red; good forcer. Each Doz. 100  
Price.....\$0.06 \$0.60 \$4.50



## NASTURTIUM DWARF AND CLIMBING

### SUPERLATIVE FLOWER SEEDS

**General Cultural Directions.**—The well-known annual flowers should be sown where they are intended to flower, either in lines or beds, covering not over four times their size, and firming the soil over them. For those which should be started indoors, such as Heliotrope, Celosia, Lobelia, Salvia, Vinca, Verbena, etc., the best plan is to sow in boxes, covering about one-eighth of an inch and pressing firmly; cover with a pane of glass and keep in a temperature between 60 and 70 degrees. Water carefully as needed. Transplant into boxes, an inch apart each way or put into small pots until time to plant out. They should have an abundance of air.

#### AGERATUM (*Annual*)

Ageratum is easily grown, grows quickly and flowers most profusely. The dwarf varieties are used extensively for planting in borders or solid beds. The tall varieties are fine for larger beds or taller borders and are most useful for cutting.

**Mexicanum, Blue.**—A fine variety growing into showy plants 2 feet tall, and are covered all during Summer and Fall with clusters of bright blue flowers.

**Imperial Dwarf, Blue.**—A foremost bedding variety forming compact little bushes 6 to 8 inches high. The plants are simply covered with fine blue flowers during the Summer and Fall. Pkt.  $\frac{1}{8}$  oz.  $\frac{1}{4}$  oz.  $\frac{1}{2}$  oz. Oz. Price.....\$0.10 \$0.25 \$0.35 \$0.55 \$0.95

#### ALYSSUM (*Annual*)

Sow the seed thinly early in the Spring in shallow drills where the plants are to stand, covering thinly with fine soil. Thin the young plants to 4 inches apart.

**Maritimum (Sweet Alyssum).**—A low growing and spreading variety with pure white flowers, fine for porch boxes and hanging baskets. Pkt.  $\frac{1}{2}$  oz. Oz. Price.....\$0.10 \$0.25 \$0.40

**Alyssum, Lilac Queen.**—Beautiful soft lilac flowers changing to white as they age; an excellent border plant.

**Alyssum, Little Gem.**—Finest for bedding, of dwarf compact habit, growing 4 to 5 inches high, blooming continually from early Spring to late fall. Pkt.  $\frac{1}{2}$  oz. Oz. Price.....\$0.10 \$0.40 \$0.65

#### ANTIRRHINUM (*Snapdragon*) (*Annual*)

Sow the seed in pans or boxes from February to March, and transplant to bed or border. Can easily be grown as annuals if sown in the open ground in April. Thin out about 1 ft. apart.

**Giant Mixed.**—A complete mixture of all the Giant Snapdragons, besides an unusual number of seedlings all belonging to this new Giant type. Pkt.  $\frac{1}{8}$  oz.  $\frac{1}{4}$  oz.  $\frac{1}{2}$  oz. Oz. Price.....\$0.15 \$0.40 \$0.65 \$1.10

**Fancy Mixed.**—A complete mixture of all half-dwarf varieties. Pkt.  $\frac{1}{8}$  oz.  $\frac{1}{4}$  oz.  $\frac{1}{2}$  oz. Oz. Price.....\$0.10 \$0.35 \$0.55 \$0.95

**Tall Mixed.**—A complete mixture of all the finest tall varieties.

**Dwarf Mixed.**—A complete blend including a wide range of colors. Pkt.  $\frac{1}{8}$  oz.  $\frac{1}{4}$  oz.  $\frac{1}{2}$  oz. Oz. Price.....\$0.10 \$0.30 \$0.50 \$0.85

#### AQUILEGIA (*Perennial*)

**Long-Spurred Hybrids.**—The flowers range from pure white and yellow to deep blue, through all shades of pink and red, with combinations of white and blue, white and pink, etc. Blooms in June. Pkt.  $\frac{1}{8}$  oz.  $\frac{1}{4}$  oz. Oz. Price.....\$0.20 \$0.35 \$0.55

**STIM-U-PLANT**

PLANT STIMULANT TABLET

## ASTERS (*Annual*)

The Asters deserve to lead the list, for there are few flowers more desirable or satisfactory to grow. The early Asters commence to bloom in late July; the late types follow in August or September and continue to bloom through October until killed by frost.

Asters will grow in any good garden soil, but they prefer an open, sunny situation. For early bloom, start the seed in a window-box indoors or in a cold frame or hotbed, in March, giving the little plants plenty of light and water as required, and thinning them out to stand 3 to 4 inches apart. Set them out in the garden in May, after all danger from late Spring frosts is past. The seed may also be sown outdoors in early May with equally good results, except that the plants will not come into bloom so soon.



**Queen of the Market.**—This is the earliest of all commercial Asters. In order to have large flowers on long stems the plants should be kept growing, without checking their growth in any way. The blooms are nearly round and when well grown measure fully three inches in diameter. The flower stems measure 10 to 12 inches in length. All colors, mixed. Pkt., 10c.;  $\frac{1}{8}$  oz., 30c.;  $\frac{1}{4}$  oz., 50c.

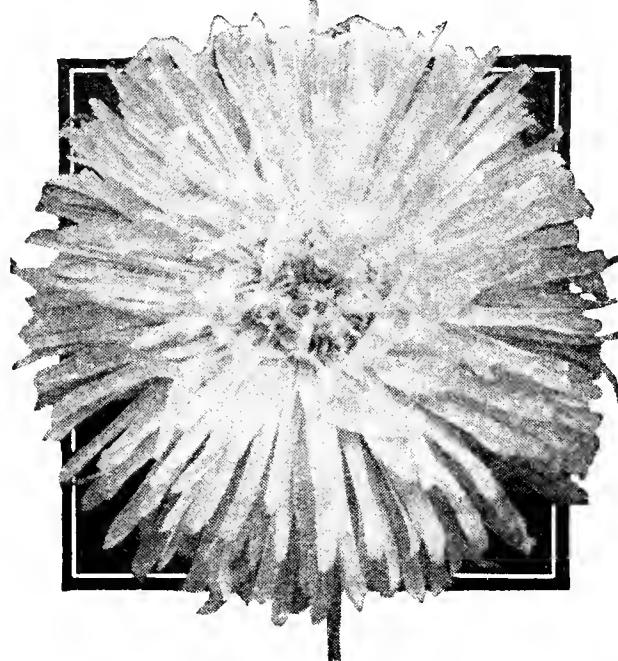


**American Beauty.**—This has made a sensation, particularly with those who need a flower to fill in the season between the American Late Branching Asters and the early Chrysanthemums. The blooms are always double, well-rounded, and carried on long strong stems. Beauty Asters Mixed. Pkt., 10c.;  $\frac{1}{8}$  oz., 40c.;  $\frac{1}{4}$  oz., 70c.

**American Late Branching.**—Of strong upright growth, making bushes from 2 to  $2\frac{1}{2}$  feet in height. The flowers are round, fully double, and heavy; borne on long stout stems. They follow the King and Crego Asters in season and represent one of the most valuable types of Asters for cutting or bedding. Pkt., 10c.;  $\frac{1}{8}$  oz., 35c.;  $\frac{1}{4}$  oz., 55c.;  $\frac{1}{2}$  oz., 95c.

**California Giants, Mixed.**—Flowers of largest size, with long graceful petals attractively curled and twisted. A very fine cutting Aster. Pkt., 15c.;  $\frac{1}{8}$  oz., 50c.;  $\frac{1}{4}$  oz., 85c.;  $\frac{1}{2}$  oz., \$1.45.

**Early Branching Royal.**—The Early Branching Royal Asters occupy a most important place. The flowers are large, measuring  $3\frac{1}{2}$  inches in diameter, and they are fully double and nearly round in form. They make a strong growth, forming well-rounded compact bushes 2 to 3 feet in height. The blooms are carried upright on long and strong stems. In season of bloom the Royal Asters come in just as the Queen of the Markets have passed their prime. Mixed. Pkt., 10c.;  $\frac{1}{8}$  oz., 30c.;  $\frac{1}{4}$  oz., 50c.;  $\frac{1}{2}$  oz., 85c.



**Crego's Giant.**—This is a free-blooming strain of strong sturdy growth with large flowers borne in great abundance. The individual petals are loosely arranged and the center is tightly curled. They bloom about the same time as King Asters. Giant Mixed. Pkt., 10c.;  $\frac{1}{8}$  oz., 30c.;  $\frac{1}{4}$  oz., 50c.;  $\frac{1}{2}$  oz., 85c.



**King—Upright Type.**—The King Asters follow the Early Branching Royal in season. The Upright Type of King Asters makes a strong, upright plant, carrying large well-developed flowers on bushes 2 to  $2\frac{1}{2}$  feet in height. The petals are narrow and folded. An excellent type for cutting. Pkt., 10c.;  $\frac{1}{8}$  oz., 30c.;  $\frac{1}{4}$  oz., 50c.;  $\frac{1}{2}$  oz., 85c.

**BALSAM** (*Annual*)

Of very easy culture. Choose a sunny location, sow in the open the end of April. Transplant to 12 inches apart. Height 2 feet.

**Defiance Mixed.**—A well-balanced mixture of about 10 varieties.

	Pkt.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	Oz.
Price.....		\$0.10	\$0.30	\$0.50
				\$0.85

**BEDDING BEGONIAS** (*Annual*)**(Mixed)**

Begonias may be had in bloom any time of the year. Start the seed indoors and set in the open about the middle of May.

	Pkt.			
Price.....				\$0.15

**BLUE LACE FLOWER** (*Annual*)**(Didiscus Coeruleus)**

This pretty and interesting annual blooms most profusely from July till November; their exquisite pale lavender blossoms are excellent for cutting; plants grow about 18 inches high, and have as many as 50 flowers open at one time.

	Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.	Oz.
Price.....		\$0.15	\$0.35	\$0.55

**CALENDULA** (*Pot Marigold*)—(*Annual*)

This is one of the best and showiest free-blooming hardy annuals growing in any good garden soil, producing a fine effect in beds or mixed borders, particularly bright in late fall, continuing to bloom from early summer until killed by frost.

**Orange King.**—An extra fine strain of this splendid double rich orange red variety, producing flowers over 3 inches in diameter.

**Lemon Queen.**—Identical in every way to the preceding, except in color, which is a rich lemon-yellow.

	Pkt.	$\frac{1}{2}$ oz.	Oz.
Price of above.....		\$0.10	\$0.35
			\$0.55

**Mixed.**—All the double sorts.

	Pkt.	$\frac{1}{2}$ oz.	Oz.
Price.....		\$0.10	\$0.20
			\$0.30

**CALLIOPSIS** (*Annual*)

Showy and beautiful free-flowering annuals, of the easiest culture, doing well in any sunny position, blooming all summer and excellent for cutting and massing. It is best to sow them where they are to bloom, thinning out to stand 6 inches to 12 inches apart.

**Tiger Flower.**—Compact bushes, blooming early and continuously. Star-shaped flowers of mahogany-red spotted yellow.

	Pkt.	$\frac{1}{4}$ oz.	Oz.
Price.....		\$0.10	\$0.25

**Mixed.**—All choice sorts in mixture.

	Pkt.	$\frac{1}{4}$ oz.	Oz.
Price.....		\$0.10	\$0.25

**CALLIOPSIS or COREOPSIS PERENNIAL**

**Lanceolata Grandiflora.**—This is one of the finest of hardy plants, with large, showy bright yellow flowers, produced in the greatest abundance from June till frost. Easily grown from seed, flowering the first year if sown early.

	Pkt.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	Oz.
Price.....		\$0.10	\$0.30	\$0.50

**CAMPANULA** (*Perennial*)

The Campanulas are easily grown and make a wonderful show during the latter part of May and early June. They are well suited for rock gardens or mixed among the perennial border. Practically all of them make excellent cut-flowers which last a long time in water.

**SINGLE CANTERBURY BELLS****Campanula Medium**

The old-fashioned sort with beautiful, large bell-shaped blossoms.

**Single Mixed.**—All colors.

	Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.	Oz.
Price.....		\$0.10	\$0.25	\$0.40

**Double Mixed.**—All the double-flowering medium varieties.

	Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.	Oz.
Price.....		\$0.10	\$0.30	\$0.50

**Cup and Saucer.**—(Mixed).

	Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.	Oz.
Price.....		\$0.15	\$0.40	\$0.65

**CANARY BIRD VINE****(Tropaeolum Canaricense)****(Annual)**

A beautiful rapid growing annual climber, the charming little canary-yellow blossoms bearing a fancied resemblance to a bird with its wings half expanded. The sprays of flowers are very artistic and keep when cut in good condition for a week.

	Pkt.	$\frac{1}{2}$ oz.	Oz.
Price.....		\$0.10	\$0.30
			\$0.50

**CANDYTUFT** (*Annual*)

These belong among the most useful of hardy annuals. The plants bear neat clusters of flowers in a great profusion. A most attractive border and cut-flower, blooming profusely in cool weather. Sow early in the spring; 12 inches high.

**Giant Hyacinth-Flowered.**—Most desirable for cut-flower purposes, producing very large, elongated heads of pure white florets. Also very pretty in borders.

**Umbellata.**—(Dark Crimson). A large-flowered variety of clear crimson color. Makes a wonderful display.

**Umbellata.**—(Mixed). The above and many others in a complete mixture.

	Pkt.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	Oz.
Price of above.....		\$0.10	\$0.20	
			\$0.30	
			\$0.50	

**Cardinal Climber** (*Annual*).—An easily grown climber developing to perfection in sandy loam soil. It is a most favorite climber, delicate and beautiful, yet most impressive in its mass effect. The leaves are deeply laciniate and resemble those of a fine Japanese Maple. They cover the vines completely and give good shade. The brilliant scarlet flowers are not large, but are borne in such profusion as to almost cover the vines from top to bottom. They bloom all during summer and fall until frost.

Pkt.  $\frac{1}{8}$  Oz.  $\frac{1}{4}$  Oz.  
Price.....\$0.15 \$0.45 \$0.75

### CARNATION

**Marguerite** (*Annual*).—Quite hardy, flowering the first season until late in the fall and will live out all winter if given the protection of a mulch of long strawy manure. The seed offered will produce a large percentage of double flowers in the choicest assortment of rich and bright colors.

Pkt.  $\frac{1}{4}$  Oz.  
Price.....\$0.10 \$0.40

**Chabaud's Everblooming** (*Perennial*).—(Mixed). Blooms in five months after being sown, and continues to flower in the greatest profusion indefinitely. Pkt.  $\frac{1}{8}$  Oz.  $\frac{1}{4}$  Oz.  
Price.....\$0.20 \$0.50 \$0.85

### CENTAUREA

Under this name are included such popular annuals as the Cornflower, Sweet Sultans, etc. They are favorites in all sections of the country, are perfectly hardy, will grow and do well almost everywhere, and are much in demand as cut flowers.

#### DOUBLE CORNFLOWERS

(*Centaurea Cyanus*) (*Annual*)

These are also known as Bachelor's Buttons, Blue Bottle Ragged Sailor, Bluet and sometimes as Ragged Robin. They are well known to every flower lover and always included in old-fashioned gardens.

**Double Blue**.—It is identical in color to the single blue variety, but, being a full, double flower, it takes fewer of them to make a nice bunch, and it is better in every way.

Pkt.  $\frac{1}{4}$  Oz.  
Price.....\$0.10 \$0.25

**Double-Flowered Mixed**.—All colors. Pkt.  $\frac{1}{4}$  Oz.  $\frac{1}{2}$  Oz.  
Price.....\$0.10 \$0.25 \$0.40

#### CENTAUREA IMPERIALIS

(*Royal Sweet Sultans*) (*Annual*)

This beautiful class is undoubtedly the finest of all Sweet Sultans for cut-flower purposes. The charming, sweet-scented, artistic-shaped flowers are borne on long, strong stems, and when cut will stand for several days in good condition. It is best, in this latitude, to sow very early in the spring, so that they may perfect their flowers before very hot weather comes.

**Fine Mixed Colors**. Pkt.  $\frac{1}{4}$  Oz.  $\frac{1}{2}$  Oz.  
Price.....\$0.10 \$0.25 \$0.40

**Montana**.—(*Perennial Cornflower*). Hardy perennial variety, grows 2 feet high, bearing large violet-blue flowers from July to September. Pkt.  $\frac{1}{4}$  Oz.  $\frac{1}{2}$  Oz.  
Price.....\$0.10 \$0.30 \$0.50

**Chinese Lantern Plant** (*Perennial*).—Grown for its showy scarlet-red seed pods which are easily dried for winter bouquets. Easily grown in any soil. Pkt., 15c.;  $\frac{1}{8}$  oz., 35c.;  $\frac{1}{4}$  oz., 55c.;  $\frac{1}{2}$  oz., 95c.

### CHRYSANTHEMUM

Exquisitely colored daisy-like flowers with finely cut foliage; good for cutting; also effective as a border plant.

**Single Mixed**.—(*Annual Varieties*). Pkt.  $\frac{1}{4}$  Oz.  
Price.....\$0.10 \$0.25

### CINERARIA (*Annual*)

Beautiful flowering plants for the house or conservatory during the spring months.

Seed should be sown from May to September for succession. Where only one sowing is made, July should be preferred. Cinerarias grow so freely that the seedlings may go straight from the seed-pans to thumb-pots. After transplanting, place in a cold frame facing north, if possible. When the pots become full of roots, shift into larger ones till the flowering size is reached.

**Hybrida Grandiflora Mixed**.—This large-flowered strain of Cinerarias is unsurpassed in size of flowers.

Pkt.  $\frac{1}{2}$  Oz.  $\frac{1}{4}$  Oz.  
Price.....\$0.35 \$0.90 \$1.45

### Clarkia (*Annual*)

This pretty and easily grown annual has been much improved in recent years. They do well either in sun or shade, growing 2 to 2½ feet high, with leafy racemes of double flowers, which all open in water when cut.

**Elegans Alba Fl. Pl.**.—Very double. A fine mixture.

Pkt.  $\frac{1}{4}$  Oz.  $\frac{1}{2}$  Oz. Oz.  
Price.....\$0.10 \$0.35 \$0.55 \$0.95

### CLEOME (*Spider Plant*)—(*Annual*)

An attractive annual plant with curious heads of flowers.

### Giant Rose.

Pkt.  $\frac{1}{4}$  Oz.  $\frac{1}{2}$  Oz.  
Price.....\$0.10 \$0.35 \$0.55

### COLEUS

The seed should be sown in shallow boxes placed in a sunny window of a warm room. As soon as the plants are  $\frac{1}{2}$  inch high, transplant to small pots. Plant out in the flower-beds when the trees are in full leaf and the nights quite warm. They do particularly well in rich, moist and sandy soils containing plenty of humus and lime. They require plenty of sunshine for the leaves to develop their brightest colors.

**Burpee's Sunset**.—The leaves are extremely large, and the colors, variegations and markings are rich and brilliant. The diversity of shades and combinations of colors are wonderful—seldom is it possible to find two plants alike. We have measured leaves 10 to 13 inches long by 9 to 12 inches broad.

Pkt.  $\frac{1}{2}$  Oz.  $\frac{1}{4}$  Oz.  
Price.....\$0.20 \$0.65 \$1.10

### COSMOS (*Annual*)

**Early Flowering**.—This new strain of early-flowering Cosmos is very valuable for cooler sections as it will be in full bloom two weeks before the late-flowering varieties open up. The flowers are of enormous size, measuring 3 inches or more in diameter. They are carried gracefully on long slender stems. The plants grow 5 to 6 feet high and are covered with magnificent flowers during the fall until frost.

### Mixture.

Pkt.  $\frac{1}{4}$  Oz.  $\frac{1}{2}$  Oz. Oz.  
Price.....\$0.10 \$0.25 \$0.40 \$0.70

**Late Flowering**.—The late-flowering strain of Cosmos has flowers of immense size, measuring close to 4 inches in diameter. The plants begin blooming ten days to two weeks after the early-flowering varieties and make a most magnificent show in any garden. They are strong and robust, growing 5 to 6 feet in height and branching freely.

**Giants Mixed**.—This mixture is very fine.

Pkt.  $\frac{1}{4}$  Oz.  $\frac{1}{2}$  Oz.  
Price.....\$0.10 \$0.20 \$0.30

**Double Crested**.—In these varieties the flowers are large, but in place of the yellow center they have a double center which stands up like a cushion. The outer row or crest is made up of broad ray petals. This is the best of all Cosmos for cut-flowers as the blooms last a long time in water.

**Double Crested, Mixed**.—A well-balanced mixture.

Pkt.  $\frac{1}{4}$  Oz.  $\frac{1}{2}$  Oz. Oz.  
Price.....\$0.10 \$0.45 \$0.75 \$1.25

### CYCLAMEN (*Annual*)

Charming house plants, with beautiful foliage, and rich-colored fragrant flowers; universal favorites for winter and spring blooming. Seed may be sown any time during the Spring or Autumn.

**Large-Flowered Giganteum, Mixed**.—A large and free-flowering strain. It includes a wide range of beautiful colors.

Pkt. 100  
(15 seeds) Seeds  
Price.....\$0.25 \$1.25

CYPRESS VINE (*Annual*)

One of the most popular vines, with very delicate fern-like foliage, and masses of beautiful, small, star-shaped flowers. Sow in May, first soaking the seeds in warm water for a few hours; 15 feet.

<b>Mixed.</b> —White and scarlet.	Pkt.	$\frac{1}{2}$ oz.	Oz.
Price. ....		\$0.10	\$0.25 \$0.45

## DAHLIA

One of the best late summer and autumn flowering plants, as easy to grow from seed as Nasturtiums; the double sorts will bloom the first season if the seed is sown before the beginning of April.

**Peony-flowered.**—Produces mammoth semi-double Peony-like flowers in a bewildering range of colors.

Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{8}$ oz.
Price. ....	\$0.15	\$0.35 \$0.55

**Double Cactus.**—This type is very desirable. Many colors.

Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{8}$ oz.
Price. ....	\$0.20	\$0.45 \$0.75

**Double Decorative.**—Contains a very varied range of colors, with flowers frequently 8 inches across.

Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{8}$ oz.
Price. ....	\$0.20	\$0.50 \$0.85

**Double Large-flowering.**—Saved from fine double show sorts.

Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{8}$ oz.
Price. ....	\$0.15	\$0.35 \$0.55

**Shasta Daisy** (*Perennial*).—Large white blooms throughout the summer. 2 to 3 feet tall. Price, Pkt., 10c.;  $\frac{1}{8}$  oz., 30c.;  $\frac{1}{4}$  oz., 50c.

DELPHINIUM (*Perennial Larkspur*)

Easily grown from seed sown any time from early in the Spring until the forepart of August.

**Belladonna Seedlings.**—This fine strain is noteworthy on account of the large number of clear cærulean blue flowers it produces.

Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{8}$ oz.
Price. ....	\$0.15	\$0.40 \$0.65

**Belladonna, Light Blue.**—The flowers of this variety are very much in demand. They are a bright light blue.

Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{8}$ oz.
Price. ....	\$0.20	\$0.45 \$0.75

**Choice Mixed.**—Beautiful long spikes, ranging from almost white through the various shades of blue to rich royal purple.

Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{8}$ oz.
Price. ....	\$0.10	\$0.25 \$0.40

## DIANTHUS or PINKS

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The varieties classed as annuals are really biennials, but are treated as annuals and may be sown out of doors when the danger from frost is past, and in a few weeks time they are a mass of bloom, continuing so until after hard frost. As a rule, they survive the winter if given slight protection, flowering abundantly the following season. They grow about a foot high, and can be used in beds or borders of solid or mixed colors. The double flowering sorts are almost as fine as carnations for cutting. They are not particular as to soil, but should have a sunny location.

## Double Annual Pinks

**Snowball.**—Large double white, splendid for cutting or as a border.

Pkt.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.
Price. ....	\$0.10	\$0.40 \$0.70

**Mourning Cloak.**—Rich, blackish velvety crimson, margined white.

Pkt.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.
Price. ....	\$0.10	\$0.35 \$0.55

**Hedgewigi Fl. Pl.**—Double mixed. Colors varying from the richest velvety crimson to the most delicate rose.

Pkt.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.
Price. ....	\$0.10	\$0.40 \$0.70

**Fireball.**—Rich, blood-red.

Pkt.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.
Price. ....	\$0.10	\$0.40 \$0.70

## SUPERLATIVE SEEDS

## DIANTHUS or PINKS—Continued

## Single Annual Pink

The Single Annual Pinks have large flowers 2 to 3 inches in diameter; their many and brilliant colors make them very desirable for beds and borders; 1 foot.

**Hedgewigi.**—Finest selected single-flowered; mixed.

Pkt.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.
Price. ....	\$0.10	\$0.25 \$0.40

DIGITALIS—FOXGLOVE (*Perennial*)

Handsome and highly ornamental hardy plants of stately growth, succeeding under almost all conditions, and with but little attention will give a wealth of flowers during June and July. 3 to 5 feet.

**Mixed.**—This is a fine strain of all colors mixed.

Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{8}$ oz.
Price. ....	\$0.10	\$0.25 \$0.45

DIMORPHOTHECA (*Annual*)

## Golden African Daisy

**Aurantiaca Hybrida.**—A splendid mixture of colors and shades, from white through various shades of yellow, orange, rose, etc.

Pkt.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	Oz.
Price. ....	\$0.10	\$0.35	\$0.55 \$0.95

DOLICHOS (*Hyacinth Bean*) (*Annual*)

Of remarkably rapid growth, making a dense and attractive screen of foliage. The seed should not be planted until the weather has warmed up. Fine for fences or the porch.

**Darkness.**—The color of the stems and leaves of Darkness is a purplish red. The numerous long spikes of pea-like flowers are deep reddish maroon, not unlike Wistaria. The blooms are followed by beautiful metallic purple seed-pods. Sow the seed one inch deep when the maples are in leaf.

**Daylight.**—A climber of rapid growth that always attracts attention. The vines grow quickly to a height of 8 to 10 feet and bloom profusely from base to summit. The large pure white flower-spikes stand out boldly from the rich green foliage. As the flowers drop they are succeeded by broad white pods which remain fresh for a long time.

Pkt.	Oz.	4 oz.
Price. ....	\$0.10	\$0.25 \$0.50

ESCHSCHOLTZIA (*Annual*)

## California Poppies

**Golden West.**—Bright buttery yellow with orange center.

**Rose Queen.**—The flowers are an attractive shade of rich rose-pink.

Pkt.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.
Price. ....	\$0.10	\$0.25 \$0.40

**Sunset Mixture.**—A well-balanced mixture.

Pkt.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	Oz.
Price. ....	\$0.10	\$0.20	\$0.30 \$0.50

**Vesuvius.**—Brilliant scarlet flowers with yellow stamens. Blooms profusely.

Pkt.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.
Price. ....	\$0.10	\$0.25 \$0.40

EUPHORBIA (*Annual*)

Especially valuable for the showy variegation of the leaves. Plant the seed early in May.

**Marginata** (*Snow on the Mountain*).—Of open, free-branching growth; 3 feet in height. The large dark green leaves are bordered with a broad band of snow-white.

Pkt.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	Oz.
Price. ....	\$0.10	\$0.25	\$0.40 \$0.70

**FORGET-ME-NOT (Annual)**

Few spring flowers are more admired than the lovely Forget-Me-Nots, which are especially effective when grown in masses. Perennials are hardy if given slight protection through the winter. Seed may be sown any time from spring till mid-summer. The Alpestris varieties come into bloom in April, and are largely used for bedding or borders in connection with spring-flowering bulbs, Pansies, etc. The Palustris sorts do not bloom till May, but continue till fall.

**Ruth Fischer.**—Rich indigo-blue flowers. The finest and most effective dark blue variety.

Pkt.  $\frac{1}{4}$  oz.  
Price.....\$0.25 \$0.75

**Semperflorens.**—An everblooming variety, beginning to flower in May and continuing till autumn. Large, clear, blue flowers in pretty sprays.

Pkt.  $\frac{1}{8}$  Oz.  $\frac{1}{4}$  Oz.  
Price.....\$0.15 \$0.50 \$0.85

**GAILLARDIA (Blanket Flower)****Annual Varieties**

Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom from early summer till November; excellent for beds, borders, or for cutting; should be sown where they are to bloom; 1½ feet.

**Fine Mixed.**—Single sorts; fine colors.

Pkt.  $\frac{1}{4}$  oz.  $\frac{1}{2}$  oz.  
Price.....\$0.10 \$0.25 \$0.40

**Double-flowering Mixed.**—A charming, profuse, double-flowering strain; beautiful mixed colors.

Pkt.  $\frac{1}{4}$  oz.  $\frac{1}{2}$  oz.  
Price.....\$0.10 \$0.25 \$0.40

**Hardy Perennial**

Thrives in almost any position or soil, require little or no protection and take care of themselves. If sown early will flower in July, continuing a mass of bloom until frost; fine for cutting; 2 feet.

**Grandiflora.**—Beautiful large flowers with yellow tips and crimson centers. Blooms freely and continuously.

Pkt.  $\frac{1}{8}$  oz.  $\frac{1}{4}$  oz.  
Price.....\$0.10 \$0.25 \$0.35

**GERANIUM (Annual)**

**Floradale Fancy.**—The flower-trusses are 4 to 6 inches in diameter, and the individual flowers are often 1½ inches in diameter. A very noteworthy free-flowering strain with a wide range of colors.

Pkt.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.
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Price.....\$0.20 \$0.40 \$0.65

**GLOXINIAS (Annual)**

**Giant-Flowered, Mixed.**—Showy, free-flowering plants, very desirable for pot culture or in partially shaded locations. The flowers measure 4 inches in diameter. Rich shadings of tigereed markings show in the large open throat, as well as on the broad bands of coloring in the expanded petals. A wide range of colors and markings.

Pkt.	$\frac{1}{2}$ oz.	Oz.
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Price.....\$0.40 \$1.10

**GOURDS—Ornamental (Annual)**

Rapid growing, interesting annual climbers, with ornamental foliage and singular shaped fruit; 15 to 20 feet.

**Mixed Varieties.**—All kinds.

Pkt.	$\frac{1}{2}$ oz.	Oz.
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Price.....\$0.10 \$0.25 \$0.40

**GYPSOPHILA (Baby's Breath)**

Pretty free-flowering elegant plants, succeeding in any garden soil. Their misty white panicles of bloom are largely used for mixing with other cut flowers.

**Elegans Alba (Annual).**—Pure white, of free easy growth, and grown by the acre in the suburbs of Paris and London for use with other cut flowers. Several sowings should be made during the season to keep up a supply.

Pkt.	Oz.	4 oz.
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Price.....\$0.10 \$0.30 \$0.85

**Elegans Rose (Annual).**—A pretty blush pink form of the above, and equally as valuable for cutting.

Pkt.	Oz.	4 oz.
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Price.....\$0.10 \$0.30 \$0.85

**Paniculata.**—White flowers, fine for bouquets; one of the favorite hardy perennials, blooms first year if sown early; 2 feet.

Pkt.	$\frac{1}{4}$ Oz.
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Price.....\$0.10 \$0.30

**HELIOTROPE (Annual)**

A half-hardy perennial, flowering during the whole season; its delightful perfume makes it a most desirable bouquet flower; a splendid bedding plant. Seed started indoors in the Spring will make fine plants for summer blooming. Can also be sown outdoors in May.

**Lemoine's Giant.**—Of robust growth and produces very large heads of flowers; mixed colors.

Pkt.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.
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Price.....\$0.15 \$0.50 \$0.85 \$1.45

**HELICHRYSUM—Strawflower—(Annual)**

Exceedingly effective flowers in rich glittering colors, making a fine display in beds or borders, but especially grown to dry and use in baskets and vases through the winter; when wanted for this purpose they should be cut with as long stems as possible, and when the blooms are about one-third open, take off all foliage, tie in bunches and hang head downwards in some dark, dry place until cured; they succeed in any good garden soil; give them plenty of room to develop, planting not closer than 12 inches apart; hardy annuals; 2½ feet. We offer the following choice colors:

**Fire Ball.**—Fire Ball is a popular variety of Strawflowers mainly because of the richness and brightness of its blooms. They are an intense and vivid crimson. The flowers are large and well formed. The brilliancy of the color is retained well when dried.

Pkt.  $\frac{1}{8}$  oz.  $\frac{1}{4}$  oz.  
Price.....\$0.10 \$0.30 \$0.50

**Golden Ball.**—A well-named variety since the flowers are of almost ball shape and of a rich golden yellow color. They are borne profusely on strong robust plants.

Pkt.  $\frac{1}{8}$  oz.  $\frac{1}{4}$  oz.  
Price.....\$0.10 \$0.30 \$0.50

**Rose Queen.**—The color of this distinct variety is a bright and cheerful rose, a shade that is always greatly admired. The blooms are of remarkable size and good form.

Pkt.  $\frac{1}{8}$  oz.  $\frac{1}{4}$  oz.  
Price.....\$0.10 \$0.30 \$0.50

**Salmon Queen.**—The lovers of delicate shades will appreciate this fine variety because of the soft salmon color of the flowers. A robust, free-flowering variety.

Pkt.  $\frac{1}{8}$  oz.  $\frac{1}{4}$  oz.  
Price.....\$0.10 \$0.30 \$0.50

**Snowball.**—Snowball is a favorite on account of its pure white flowers. The blooms are of largest size.

Pkt.  $\frac{1}{8}$  oz.  $\frac{1}{4}$  oz.  
Price.....\$0.10 \$0.30 \$0.50

**Violet Queen.**—As the name implies, this variety has violet flowers. The color is rich and intense. Violet Queen is a variety of recent introduction but it has quickly become one of the most favorite of all Strawflowers. The dried blooms show up particularly rich and life-like. In freedom of bloom, size of flower and stately habit of growth, Violet Queen takes second place to none.

Pkt.  $\frac{1}{8}$  oz.  $\frac{1}{4}$  oz.  
Price.....\$0.10 \$0.30 \$0.50

**COLLECTIONS OF STRAWFLOWERS**

These collections contain all of the six beautiful Strawflowers described above.

We will mail one packet each of these six colors (value 60c) for.....**50c.**

We will mail  $\frac{1}{8}$  oz. each of these six colors (value \$1.80) for.....**\$1.50**

**Strawflowers, Mixed.**—We have included in this mixture the six fine, distinct colors described above. Those who have not room enough to grow the separate colors will get a fine display from this mixture.

Pkt.  $\frac{1}{8}$  oz.  $\frac{1}{4}$  oz.  
Price.....\$0.10 \$0.25 \$0.35

**HOLLYHOCKS (Perennial)**

One of the most majestic of hardy plants, and a clump or line in any garden gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers, it is without equal. Seed sown any time before midsummer will produce fine plants for flowering next year.

**Double Mixed.**—A fine mixture of about 6 different shades.

Pkt.  $\frac{1}{8}$  oz.  $\frac{1}{4}$  oz.  
Price.....\$0.15 \$0.35 \$0.55

**HUMULUS (Japanese Hop)—(Annual)**

**Japonicas Variegatus.**—A very ornamental and fast growing climbing plant. The leaves are beautifully marbled and splashed with silvery-white, light and dark green; very effective for screens, arbors, trellises, etc. It is never injured by insects nor affected by the heat, but retains its bright variegated foliage until frost. Pkt.  $\frac{1}{2}$  oz. Oz.  
Price.....\$0.10 \$0.25 \$0.40

**KOCHIA (Burning Bush)—(Annual)**

**Giant Christmas.**—This new variety remains light green until quite late in the fall and then turns to a most beautiful crimson purple.

Pkt.  $\frac{1}{4}$  oz.  $\frac{1}{2}$  oz.

Price.....\$0.10 \$0.20 \$0.30

**LARKSPUR (Annual)**

Of easy culture; seed sown early in Spring will produce blooming plants by July; fern-like foliage and slender spikes with double rosette flowers; fine for cutting or garden decoration.

**Tall Double Stock-Flowered.**—Rose, White, Sky Blue, Flesh-Pink, Lustrous Carmine, Dark Blue and Mixed.

Pkt.  $\frac{1}{4}$  oz.  $\frac{1}{2}$  oz. Oz.

Price.....\$0.10 \$0.25 \$0.40 \$0.70

**DWARF DOUBLE ROCKET**

**Mixed.**—A compact bushy plant with several spikes of double flowers; height, 1 foot. Pkt.  $\frac{1}{4}$  oz.  $\frac{1}{2}$  oz. Oz.

Price.....\$0.10 \$0.25 \$0.40 \$0.70

**LATHYRUS (Perennial Peas)**

These Perennial Peas, although lacking fragrance, are very valuable because they will last almost indefinitely. The vines grow from 8 to 10 feet long.

**Mixed.**—All colors in mixture, properly blended.

Pkt.  $\frac{1}{4}$  oz.  $\frac{1}{2}$  oz.

Price.....\$0.10 \$0.25 \$0.40

**LOBELIA (Annual)**

This popular and beautiful flowering plant will be found most desirable for pot culture, edgings, etc., blooming profusely from June to November.

**Crystal Palace Compacta.**—Rich deep blue; dark foliage; the finest dark blue for bedding. Pkt.  $\frac{1}{8}$  oz.  $\frac{1}{4}$  oz.

Price.....\$0.15 \$0.45 \$0.75

**Mixed Compacta Varieties.**—A carefully blended mixture of the best varieties. Pkt.  $\frac{1}{8}$  oz.  $\frac{1}{4}$  oz.

Price.....\$0.10 \$0.35 \$0.55

**Lunaria (Honesty).**—(Biennial).—This plant will flower the first season if the seed is sown early. It is grown for the round, silvery, paper-like parts of the seed-pods which are dried for winter bouquets.

Pkt.  $\frac{1}{8}$  oz.  $\frac{1}{4}$  oz.

Price.....\$0.10 \$0.25 \$0.35

**LUPINUS (Lupine)**

Annual Sorts. Free-flowering, easily-grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders, beds and for cutting; prefers a little shade; 2 feet.

**Mixed.**—This mixture contains a well-balanced assortment of the best varieties listed. It will give a magnificent display for many weeks during summer and early fall. Plant it in masses for display and cutting.

Pkt. Oz. 4 oz.

Price.....\$0.10 \$0.25 \$0.70

**Lupines (Perennial).**—Pkt., \$0.20;  $\frac{1}{4}$  oz., \$0.45;  $\frac{1}{2}$  oz., \$0.75.

**MARIGOLD (Tall African)—(Annual)**

The African and French Marigolds are old favorite free-flowering annuals of easy culture; both are extremely effective and are well adapted for large beds or mixed borders; they succeed best in a light soil, with full exposure to the sun. A vase or bowl of any of the rich yellow sorts, in combination with a few blue Larkspurs or Cornflowers, is very striking. (See also Calendulas.)

**Lemon-Ball.**—Extra large, round, double flowers of a clear canary-yellow. Large round plants with attractive dark green foliage; covered with flowers from July until frost.

**Orange-Ball.**—Enormous double flowers of intense rich orange. The flowers are produced in great profusion from July until cut down by frost. Pkt.  $\frac{1}{4}$  oz.  $\frac{1}{2}$  oz. Oz.

Price.....\$0.10 \$0.35 \$0.55 \$0.95

**African Double, Mixed.**—A well-balanced mixture of the above and others. Pkt.  $\frac{1}{4}$  oz.  $\frac{1}{2}$  oz. Oz.

Price.....\$0.10 \$0.25 \$0.40 \$0.70

**French Double, Mixed.**—A complete mixture of Dwarf French Marigolds. Pkt.  $\frac{1}{4}$  oz.  $\frac{1}{2}$  oz. Oz.

Price.....\$0.10 \$0.25 \$0.40 \$0.70

**Legion of Honor.**—Rich golden yellow, marked with crimson-brown. Pkt.  $\frac{1}{4}$  oz.  $\frac{1}{2}$  oz. Oz.

Price.....\$0.10 \$0.30 \$0.50 \$0.85

**MIGNONETTE** (*Annual*)

A well-known fragrant favorite, and no garden is complete without a bed of Mignonette; sowings made in April and again in July will keep up a succession from early summer until frost; can also be grown in pots for winter and early spring flowering.

**Fordhook Finest, Mixed.**—We have made a selection of the finest types, which we offer in this special mixture. All the varieties included have long heavy spikes.

	Pkt.	1/4 oz.	1/2 oz.	Oz.
Price.....	\$0.10	\$0.25	\$0.40	\$0.70

**MARVEL OF PERU, or FOUR O'CLOCKS** (*Annual*)

A well-known, handsome, free-flowering garden favorite; does well everywhere; give each plant 12 to 18 inches of room. Fine mixed colors; 2 feet. Pkt. Oz. 4 oz. Price..... \$0.10 \$0.20 \$0.55

**MOONFLOWER** (*Ipomoea*)—(*Annual*)

Climbers of rapid growth, with beautiful and varied flowers; for covering walls, trellises, arbors, or stumps of trees they are invaluable; it is well to soak the seed in warm water over night to assist in rapid germination.

**Sky-Blue.**—Of strong vigorous growth; the plants attain 12 to 15 feet in height. Large sky-blue flowers in September. The flowers measure nearly 4 inches across and are unsurpassingly beautiful—of the softest cerulean blue, shading to white at the throat. Pkt. 1/2 oz. Oz. Price..... \$0.10 \$0.35 \$0.55

**Imperial Japanese, Mixed.**—(*Emperor Morning Glories*). A strong grower with enormous flowers in many soft and delicate shades. Pkt. 1/2 oz. Oz. Price..... \$0.10 \$0.20 \$0.30

**NASTURTIUMS** (*Annual*)**Dwarf or Tom Thumb, Mixed.**

**Tall Mixed.** Pkt. Oz. 4 oz. Price..... \$0.10 \$0.20 \$0.55

**NICOTIANA** (*Annual*)

**Affinis Hybrids.**—Large flowers in a great variety of colors. A very satisfactory and easily grown plant. Blooms all summer. Pkt. 1/4 oz. 1/2 oz. Oz. Price..... \$0.10 \$0.25 \$0.40 \$0.70

**NIGELLA (Love In a Mist)**—(*Annual*)

**Miss Jekyll.**—A lovely variety, with cornflower-blue blossoms; splendid for cutting. Pkt. 1/4 oz. 1/2 oz. Oz. Price..... \$0.10 \$0.20 \$0.30 \$0.50

**PANSIES—BURPEES** (*Annual*)

**Trimarreau or Giant Mixed.**—A fine mixture of Giant varieties and many other shades too numerous to mention.

Pkt. 1/8 oz. 1/8 oz. 1/4 oz. Price..... \$0.15 \$0.25 \$0.35 \$0.55

**Orchid-Flowered.**—This distinct and beautiful strain of Pansies will appeal to those who prefer delicate tints and soft shades of color. The flowers are all of fine form and good size. They bloom freely from spring until late in the fall, and the unique colorings—including shades of chamois, terra-cotta, pink, lilac, rose and orange—are altogether different from any other Pansies. The name "Orchid-Flowered" has been given to this because these delicate types, together with the finely ruffled edges, are not unlike the flowers of Orchids. Pkt. 1/8 oz. 1/8 oz. 1/4 oz. Price..... \$0.15 \$0.50 \$0.85 \$1.45

**Giant Fancy Pansies.**—For the lover of fine Pansies this blend cannot be surpassed. It contains the largest and most beautiful of all blotched Pansies that have been developed after many years of careful and close selection. This blend contains only well-formed, expanded flowers of uniformly large size with an unusual range of colors and markings. The texture of the blooms is thick and heavy, making them much waved and crinkled on the edges. The large flowers are borne upon long stiff stems which hold them well above the green foliage and make them admirably suited for cutting. This seed is necessarily expensive, but is well worth all it costs. Pkt. 1/8 oz. 1/8 oz. 1/4 oz. Price..... \$0.25 \$0.85 \$1.50 \$2.60

**PETUNIAS** (*Annual*)**Large-Flowering Double**

**Fordhook Fancy Fringed.**—This strain of carefully hand-pollinated seed will yield a large percentage of plants having double, finely fringed flowers in a wide range of colors. Our strain embraces a splendid variety of colors in many beautiful combinations. The large number of beautiful blue and white flowers is particularly noteworthy. Start the seed indoors in shallow boxes barely covering it from view. Seed very costly.

Small pkt. 1/8 oz. Price..... \$0.35 \$1.85

**Burpee's Defiance.**—Our Defiance strain of Petunias has a reputation for enormous size and range of colors. Start indoors in boxes and set out in May when the nights are warm.

Pkt. 1/8 oz. Price..... \$0.25 \$0.75

**Bedding Petunias.**—The Bedding Petunias are of a spreading growth, and much used for beds or in broad and irregular borders. They bloom freely and grow luxuriantly even under adverse conditions. Recommended for porch and window boxes to hang over the edges.

**Rosy Morn.**—The throat is silvery white, shading to soft rose-pink toward the edges.

Pkt. 1/8 oz. 1/8 oz. Price..... \$0.10 \$0.40 \$0.65

**Balcony, Mixed.**—A fine mixture of large bedding varieties.

Pkt. 1/8 oz. 1/8 oz. 1/4 oz. Price..... \$0.15 \$0.65 \$1.10 \$1.90

**PHLOX DRUMMONDII** (*Annual*)

Phlox is a very pretty free-flowering annual of quick growth, coming into bloom early in summer. When sown in masses the coloring is varied and brilliant beyond description. Sow the seed thinly as early in the spring as the ground can be worked into a loose and mellow condition, and cover 1/4 inch deep.

**Fordhook Finest Mixed.**—This is composed of the finest and most distinct varieties and will make a fine display of brilliant colors.

Pkt. 1/8 oz. 1/4 oz. 1/2 oz. Price..... \$0.10 \$0.25 \$0.40 \$0.70

**Dwarf Compact Mixed.**—The plants average 5 to 6 inches in height and are covered with bright flowers. Excellent for small beds or borders.

Pkt. 1/8 oz. 1/4 oz. 1/2 oz. Price..... \$0.15 \$0.45 \$0.75 \$1.25

**Platycodon (Balloon Flower)**—(*Perennial*).—Also called Chinese Bellflower. During the Summer and early Fall the plants produce a large number of showy, rich blue blooms. The plants grow about 18 inches tall. Very fine for cutting.

Pkt. 1/8 oz. Price..... \$0.15 \$0.25

**POPPIES**

Poppies are so easily grown that they should be in every garden. The plants grow quickly and produce a wealth of gorgeous blossoms. Sow the seed thinly in drills or broadcast early in the Spring where the plants are to bloom. The seeds should be barely covered from view. The flowers are excellent for vases.

**Improved Shirley Poppies** (*Annual*).—This improved strain embraces many fine shades of rose, pink, carmine, crimson, white, and many other fine shades.

Pkt. 1/4 oz. 1/2 oz. Oz. Price..... \$0.10 \$0.20 \$0.30 \$0.50

**Tulip Poppy** (*Papaver glaucum*)—(*Annual*).—Glowing scarlet flowers of well-rounded form, 12 inches high. A free-blooming variety.

Pkt. 1/4 oz. 1/2 oz. Price..... \$0.10 \$0.35 \$0.55

**Oriental Poppy.**—This is the most showy of all the perennial Papavers. The immense deep red flowers are borne profusely during June. They are carried on long, heavy stems and are excellent for cutting.

Pkt. 1/8 oz. 1/4 oz. 1/2 oz. Price..... \$0.10 \$0.30 \$0.50 \$0.85

**Oriental Mixed.**—This fine mixture of Oriental Poppies is composed of a large number of excellent varieties.

Pkt. 1/8 oz. 1/4 oz. 1/2 oz. Price..... \$0.10 \$0.30 \$0.50 \$0.85

**POR TULACA (Annual)**

One of our showiest annual plants, of easy culture. The flowers are of the richest colors. Fine for massing in beds, edgings or rock-work.

**Single Mixed.** All colors. Pkt.  $\frac{1}{6}$  oz.  $\frac{1}{8}$  oz. Price. .... \$0.10 \$0.25 \$0.40

**Double Mixed.** A large percentage of the flowers will come perfectly double, of the most brilliant scarlet, crimson, white, yellow, etc. Pkt.  $\frac{1}{6}$  oz.  $\frac{1}{8}$  oz. Price. .... \$0.10 \$0.30 \$0.50

**Pyrethrum Roseum, Mixed (Perennial).**—A showy plant bearing a profusion of large Daisy-like blooms in shades of rose, pink and white. Blooms during Spring; Height, 2 feet. Pkt.  $\frac{1}{8}$  oz. Price. .... \$0.15 \$0.40

**PRIMULA (Annual)**

The charming and beautiful Chinese Fringed Primrose is indispensable for winter or spring decorations in the home or conservatory. Sow in March, April or May.

**Large-Flowering Fringed, Mixed.**—Embracing all the best colors of the large-flowering Chinese Primroses. Pkt.  $\frac{1}{12}$  oz. Price. .... \$0.25 \$0.55

**RICINUS (Castor Oil Bean) (Annual)**

Ornamental plants of stately growth and picturesque foliage, with brilliant colored fruit, producing sub-tropical effect; fine for lawns, massing or center plants for beds.

**Sanguineus.**—Blood red stalks and cluster of red fruit; 8 feet. Pkt. Oz. 4 oz. Price. .... \$0.10 \$0.25 \$0.70

**SALPIGLOSSIS (Annual)**

Easy growing annual plants. Bloom from early summer until late fall; 18 inches.

**Choice Mixed.** Pkt.  $\frac{1}{8}$  oz.  $\frac{1}{4}$  oz. Price. .... \$0.15 \$0.30 \$0.50

**SALVIA (Annual)**

The Salvia is among our most popular and useful bedding plants. Seeds should be started either in the house or in hotbeds from February till April. Seed may also be sown in the open ground in May.

**Splendens (Scarlet Sage).**—Beautiful bright scarlet; 3 feet.

**Zurich.**—A splendid dwarf early variety, growing about 2 feet high. Pkt.  $\frac{1}{6}$  oz.  $\frac{1}{4}$  oz. Price. .... \$0.15 \$0.50 \$0.85

**SCABIOSA (Mourning Bride) (Annual)**

Magnificent hardy annuals of easy cultivation, blooming freely through the summer and autumn. Invaluable for cutting.

**Large-Flowered Double Mixed.**—This is a complete mixture of all the finest colors. Pkt.  $\frac{1}{4}$  oz.  $\frac{1}{2}$  oz. Price. .... \$0.10 \$0.30 \$0.50

**SUNFLOWER (Helianthus) (Annual)**

Sown on a sunny spot in April or May they come into bloom early in summer, and keep up a constant supply of flowers until cut down by frost.

**Double Chrysanthemum-Flowered.**—Rich golden-yellow flowers, perfectly double, resembling a Chrysanthemum or Dahlia; 7 feet. Pkt.  $\frac{1}{2}$  oz. Oz. Price. .... \$0.10 \$0.35 \$0.55

**SWEET WILLIAM (Perennial)**

**Double, Mixed.**—Fine double flowers in a great variety of colors.

**Perfection Single, Mixed.**—A splendid strain of all colors. Pkt.  $\frac{1}{8}$  oz.  $\frac{1}{4}$  oz.  $\frac{1}{2}$  oz. Price. .... \$0.10 \$0.25 \$0.35 \$0.55

**Ten Weeks Stocks, Mixed (Annual).**—These are the best for the garden, growing into bushy plants, 15 to 18 inches tall. The sweet-scented, double flowers are borne profusely on strong spikes. .... Pkt.  $\frac{1}{8}$  oz.  $\frac{1}{4}$  oz.  $\frac{1}{2}$  oz. Oz. Price. .... \$0.10 \$0.40 \$0.65 \$1.10 \$1.90

**THUNBERGIA (Black-Eyed Susan) (Annual)**

Rapid growing annual climbers, making a pretty vine for trellises, fences, rockwork, etc.; also for window boxes, hanging baskets and vases.

**Mixed.**—All colors. Pkt.  $\frac{1}{4}$  oz.  $\frac{1}{2}$  oz. Oz. Price. .... \$0.10 \$0.40 \$0.70 \$1.15

**VERBENA (Annual)**

An excellent annual for beds and massing, commencing to flower in July and continuing until frost.

**Fordhook Famous.**—This mammoth Verbena produces magnificent trusses in a wide range of colors. Well adapted for borders or porch boxes. They delight in a sunny location. Pkt.  $\frac{1}{8}$  oz.  $\frac{1}{4}$  oz. Price. .... \$0.10 \$0.30 \$0.50

**NINE SUPERB NEWER SPENCER SWEET PEAS (Annual)**

We consider this a fine collection of newer sorts; each one has been a prominent prize winner at the various exhibitions during the past three seasons, and will soon take their place in up-to-date permanent lists.

**Austin Frederick.**—A lovely soft lavender, flowers of giant size and perfect form, nicely waved.

**Constance Hinton.**—The finest and largest white variety, with enormous wavy white flowers, frequently  $2\frac{1}{2}$  inches across, which are borne in sprays of fours and often fives, on long, strong stems. Pkt.  $\frac{1}{2}$  oz. Oz. Price of above. .... \$0.10 \$0.20 \$0.30

**Crimson King.**—This is the finest and richest Crimson Sweet Pea ever introduced, bearing usually four extra large wavy blossoms on long strong stems held well above the foliage so that none of their beauty is lost. Pkt.  $\frac{1}{2}$  oz. Oz. Price. .... \$0.10 \$0.25 \$0.35

**Hawmark Pink.**—Quite distinct from any other pink variety, the general effect being rose-pink suffused with salmon, undoubtedly the most beautiful pink Sweet Pea. Pkt.  $\frac{1}{2}$  oz. Oz. Price. .... \$0.10 \$0.25 \$0.35

**Improved Margaret Atlee.**—A rich glowing rose-pink on cream ground with a subtle suffusion of salmon and amber overlying the whole ground.

**Mrs. Tom Jones.**—This is destined to become the leading bright blue variety. Color a clear Larkspur blue; flowers extra large, usually four to a spray, and undoubtedly the finest blue yet introduced.

**Picture.**—The largest flowering of all, the gigantic blooms are borne freely in sprays of four or more on long stout stems, in color a most attractive tint of pink suffused with creamy apricot, one of the outstanding recent introductions.

**Royal Scot.**—This splendid new variety is the finest brilliant scarlet yet sent out, surpassing all others of this color in size, form and general excellence.

**Warrior.**—Enormous flowers of a rich reddish bronzy maroon, the finest of this color yet introduced. Pkt.  $\frac{1}{2}$  oz. Oz. Price of above. .... \$0.10 \$0.20 \$0.30

**SWEET PEAS IN MIXTURE**

**Our Superlative Spencer.**—Blended from only the Giant Waved Spencer varieties including a number of new hybrids of exquisite color and shades. Pkt. Oz.  $\frac{1}{4}$  lb.  $\frac{1}{2}$  lb. Lb. Price. .... \$0.10 \$0.30 \$0.75 \$1.40 \$2.50

**Wild Flower Garden Mixture.**—This mixture contains varieties of both dwarf and tall growth. They will give a showy display from early summer until frost. For best results sow thinly in rows. Pkt. Oz. 4 oz.  $\frac{1}{2}$  lb. Lb. Price. .... \$0.10 \$0.25 \$0.70 \$1.30 \$2.40

**ZINNIAS GIANT DAHLIA FLOWERED (Annual)**

These New Dahlia flowered Zinnias are distinct. The flowers are of immense size and are made up by a great number of small sized petals. The individual petals stand well apart, giving an attractive grace and looseness to the flowers.

**Crimson Monarch.**—One of the best with immense flowers. A bright and attractive shade of crimson-scarlet. The blooms are of perfect form.

**Exquisite.**—The flowers resemble a large Decorative Dahlia. They are a pleasing shade of reddish rose with deeper rose in the center. One of the most attractive of this type.

**Golden State.**—An excellent color. Rich golden-yellow, shading to orange as the flower ages. The blooms are very large and of true Dahlia form.

**Scarlet Flame.**—Rich orange-scarlet. A most dazzling color and it is one of the brightest and always attracts attention.

**Dream.**—The large flowers are a distinct shade of deep lavender shading to purple as they age. Very large and of fine form. A free bloomer.

**Polar Bear.**—This is the finest of all white Zinnias. The flowers are of great size and pure in color. The flowers are borne with a wonderful profusion. Pkt.  $\frac{1}{8}$  oz.  $\frac{1}{4}$  oz. Price of above. .... \$0.20 \$0.40 \$0.65

**Dahlia-Flowered Mixture.**—This is a complete Mixture of Dahlia-flowered Zinnias, including all the above separate colors and many other beautiful and rich shades. Price. .... \$0.15 \$0.50 \$0.85

**Giant Mammoth Mixed.** Pkt.  $\frac{1}{4}$  oz.  $\frac{1}{2}$  oz. Price. .... \$0.10 \$0.35 \$0.55

**Zinnias, Double Lilliput, Mixed (Annual).**—An elegant small-flowering type growing about 12 inches tall, with attractive, round, fully double, button-like blooms about one inch in diameter. Make an excellent display and are also good for cutting. Pkt.  $\frac{1}{4}$  oz.  $\frac{1}{2}$  oz. Oz. Price. .... \$0.10 \$0.30 \$0.50 \$0.85

# SUPERLATIVE FARM AND GRASS SEEDS

## ALFALFA

One of the most valuable forage or pasture grasses, being very nutritious, both as a green feed and as hay. It requires moist land or frequent irrigation and often bears from five to six crops of hay a year. It does well in almost any climate and improves any soil that is sown with it. A good stand of it will choke out and practically kill wild morning-glory. Prepare the land by deep plowing and thorough harrowing, and sow 17 to 25 pounds per acre broadcast and harrow it. Alfalfa seed is graded by the amount of dead matter and percentage of weed seeds it contains. The very worst seed is dodder, which infests seed grown on low lands. Dodder is a yellow parasitic plant with abundant stems but no leaves; the roots live on the alfalfa plant and quickly kill it. A little thought will show that Alfalfa which contains no dodder is worth several cents a pound more than Alfalfa which contains this weed. Our Alfalfa is grown out of the state on high land and is dodder-free. **Price on application.**

## RED MEDIUM CLOVER

This is the common Red Clover so largely grown throughout the country. **Price on application.**

## MAMMOTH OR PEA VINE CLOVER

This grows much taller, with larger, leafier stalk, and large, slightly pointed leaflets. **Price on application.**

## WHITE DUTCH CLOVER

The best variety for lawns; valuable in permanent pastures. **Lb., 85c., postpaid. Price per bushel on application.**

## ALSIKE OR HYBRID CLOVER

The hardiest of all sometimes called Giant White Clover. It is a perennial, therefore adapted for permanent pastures or for hay crop. Never heaves or throws in the winter; thrives equally well on wet or dry soil, through extreme droughts or excessive rains; grows on clover-sick land and yields a heavy bulk of herbage where no other Clover succeeds. Its superior pasturage is much liked by cattle. Blossom heads round; flesh colored; sweet and fragrant; much liked by bees. Sow 10 to 20 pounds per acre in spring or fall. **Price on application.**

## CRIMSON OR SCARLET CLOVER

An annual variety providing large crops of green forage, or if cut while in bloom, will make excellent hay. As a green manuring crop for grain, fruit or trucking crops, it gives the very best results, while for improving poor land it has few equals. It succeeds on every kind of soil, standing southern suns and Northern winters, and is now grown largely in Delaware, Maryland, New Jersey, Pennsylvania, Virginia, and has succeeded in every state where tried. Sow 15 pounds to the acre from July to September. **Price on application.**

## SWEET CLOVER (White Blossom)

This is one of the most important crops for feeding, and is also unexcelled for plowing under, as its roots gather great quantities of nitrogen and store it in the soil. Sow 15 lbs. to the acre. **Price on application.**

## MILLET

**Golden.**—Considerably larger than Hungarian and yields a much heavier crop, but is later. Sow broadcast 40 to 50 pounds per acre. **Price on application.**

**Hungarian.**—Sown during summer, is invaluable for making up for a shortage in the hay crop. Sow 50 pounds to the acre. **Price on application.**

**Japanese.**—Entirely distinct from any other Millet. Sow 15 pounds to the acre. **Price on application.**

## RAPE (50 pounds per bushel)

**Dwarf Essex.**—Sow from April to end of August in drills, 2 to 3 pounds to the acre. Valuable for hog or chicken feed. **Price on application.**

**Sudan Grass Seed (Annual).**—This belongs to the forage crops and is allied to the millets. Sow 16 to 24 lbs. per acre. **Price on application.**

## BUCKWHEAT (48 pounds per bushel)

**Japanese.**—More generally grown than any other. Sow one bushel per acre. **Price on application.**

## SUNFLOWER SEED

Excellent to mix in grain feed for poultry. Sow 5 pounds to the acre. **Price on application.**

## BROOM CORN, EVERGREEN

Sows 5 to 8 lbs. per acre. The best variety for brooms. **Price on application.**

## COW PEAS

Sow 1 bushel to the acre broadcast or  $\frac{1}{2}$  bushel drilled in rows about 30 inches apart; sow in May or June depending on whether the soil is warm enough to plant them; they may also be sown up to the end of July.

**Whip-poor-will.**—Very early, maturing seed in about 70 days. Makes a very heavy growth but does not trail like the Wonderful. Best for pasture. **Price on application.**

**Extra-early Black-eye.**—Extra-early, maturing in about 60 days. Makes a good growth and besides making a valuable hay crop, it is used extensively as a soup pea for table use. **Price on application.**

## SOJA BEANS (60 pounds per bushel)

**Wilson Black.**—The best for green fodder, ensilage, or plowing under. **Price on application.**

## GRASSES AND FIELD SEEDS

**Kentucky Blue Grass (Poa pratensis).**—Well known and extensively grown in all parts of the country; used for lawns. (14 lbs. per bu.)

**Orchard Grass (Dactylis glomerata).**—A valuable pasture grass, adapted for growing in shady, moist places under trees, etc. (14 lbs. per bu.)

**Red Top Grass (Agrostis vulgaris).**—Valuable for either pastures or lawns. (32 lbs. per bu.)

**Timothy (Phleum pratense).**—A variety producing a profitable hay crop in almost any soil. One-half bushel per acre. Our seed is free from weed seeds and of high germinating power. (45 lbs. per bu.)

**ABOUT PRICES.**—These fluctuate constantly on Farm and Grass Seeds and will be quoted on application.

# DAIRY SUPPLIES



**KOW-KARE** (formerly called KOW-KURE) is the most famous of our remedies. It has so many uses on the dairy farm, its supply should never be permitted to get low. It is recommended for scouring, loss of appetite, buncles; especially favorable in cases of possible or threatened abortion. Widely recommended for barrenness, for retained after birth, for milk fever. There is no better medicine for cows. We have hundreds of letters from users of KOW-KARE testifying to its wonderful results in all of these cow troubles. Many have told us it is a big help in increasing the milk flow from 10 to 20%; the reason, it puts a cow's digestion and assimilation in perfect condition. This remedy is made only for cows, and while of incalculable value on the dairy farm, its use means but a cent a day per cow.

**Price, Large Size, \$1.25; Medium Size, 65c.**



For that serious disorder peculiar to cows—garget, our **GRANGE GARGET REMEDY** is favorably known to every dairyman. Bear in mind that garget is a disease by itself, with peculiarities that demand a special remedy that goes scientifically to the cause of this trouble. It is a great mistake to confuse this disease with caked bag, buncles in bag or anything else than what it is.

Our **GRANGE GARGET REMEDY** has been used for more than 25 years. A can is enough to treat 15 cases.



For all diseases of udder and teats, such as caked bag, sore teats, buncles, chapping, cuts, or inflamed parts, you can use this remedy with perfect safety; positive results in every case. There is nothing better for keeping all the parts healthy and in the pink of condition—sanitary and clean. The use of **BAG BALM**

will make decidedly easier milkers of your herd. Try **BAG BALM** and your shelf will always be stocked with it. It has a variety of uses. That it is effective and gives real results in even the most stubborn ailments is proved by scores of letters from those who have used it. **Price, 60c.**

## WYANDOTTE SANITARY CLEANER AND CLEANSER

### General Uses

Wyandotte Sanitary Cleaner and Cleanser can be so effectively and so economically used wherever cleaning is to be done that it is not necessary to list all of its many uses. The baker finds it a ready helper for washing his pans, machinery and show cases. In the butcher shop, the fish market and the oyster house Wyandotte Sanitary Cleaner and Cleanser is well adapted to the cleaning needs as it easily and quickly gives such places of business and their equipment a cleanliness so sweet-smelling and so faultlessly clean as to receive favorable comment from patrons. The restaurant, the confectionery store and even the barber shop find this distinctive aid to sanitary cleanliness adapted to their particular needs. **5 lb. bag, 45c.** Write for booklet fully describing its many uses.

**OAKITE**—Cleans as nothing else does. By a new principle makes no suds, will not injure skin or fabric. It is widely used in industrial plants of all kinds, such as makers of Automobiles and Accessories, Electrical Apparatus, Household Utensils, Leather Goods, Machinery, Paper, Paint and Varnish, Plated Work and Silverware, Tools and all Metal Specialties.

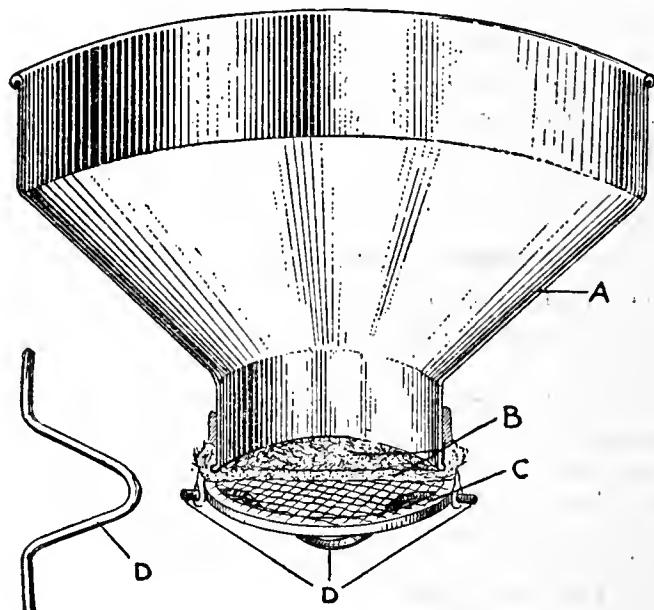
For Cleaning, Grinding and Cutting Processes, Rust Preventing, etc. Speed, thoroughness and low costs secured.

Also used in Garages, Laundries, Dairies, Restaurants.

Write for information, free expert service and booklets on such uses. One package if used as per directions will do the work of 4 lbs. of any other Cleaners as ordinarily used. **Price per pkg. of 11 oz., 20c.**

## "DR. CLARK" PURITY MILK STRAINER

Use a Dr. Clark Purity Milk Strainer and have pure milk. Absolutely no dirt or sediment in milk strained through a "PURITY." Will last a life time. No seams to break and get filthy. Best of material and heavily tinned. Bacteria count reduced 75 per cent. or more. No milk rejected on account of filth or sediment. No strainer cloths used. Milk positively clean.



"A" Strainer Funnel.

"B" Sterilized cotton through which milk MUST go.

"C" Coarse wire screen ring for clamping cotton pad to bottom of funnel.

"D" Wire Clamp. THAT'S ALL.

Ten quart \$3.00

Eighteen quart \$4.00

Parcel Post prepaid.

Carton containing 300 sterilized cotton discs for use on strainers \$2.25. Parcel Post prepaid.

# Spraying and Insecticide Apparatus

## PARAGON SPRAYERS

Will spray any insecticide or fungicide solution, covering more surface with less material.

For whitewashing and water painting the Paragon is acknowledged the best sprayer on the market by those who have had experience with other makes of sprayers.

The wonderful results obtained with the Paragon are due to the superior construction and exclusive patented features.

The high pressure possible with the Paragon insures a perfect spray and more effective work with less labor and less material, which means a large saving.

The Paragon saves time.

**First.**—Because you need not strain the solution before placing it in the spray container.

**Second.**—The 16 square inches of strainer surface on the end of the suction pipe, automatically cleaned by each stroke of the pump, insures no interruption in the work of spraying. The Paragon will not clog.

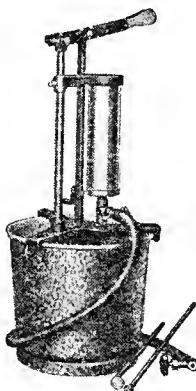
Each Paragon Sprayer is rigidly inspected and tested. We guarantee the material and workmanship to be first-class and that the sprayer will give satisfactory service.

### PARAGON SPRAYER NO. 0.

**PRICE, \$12.50**

**Capacity, 3½ Gallons.**

**Equipment.**—4 feet Special Spray Hose, 3 feet Spray Pipe, 1 Mist Spray Nozzle, 1 Steel Cap for Mist Nozzle, 1 Straight Spray.



### PARAGON SPRAYER NO. 3.

**PRICE, \$22.50**

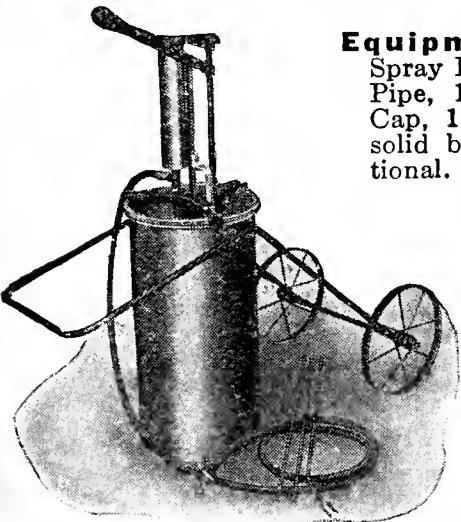
**Without Truck, \$18.00**

**Capacity, 12 Gallons.**

**Equipment.**—10 feet Special Spray Hose, 7½ feet Extension Pipe, 1 Mist Nozzle, 1 Steel Cap, 1 Straight Spray. With solid brass pump, \$5.00 additional.

A single wheel truck with 16" wheel will be furnished with the No. 3 sprayer when desired.

This represents our most popular outfit, and thousands are in use, giving best of satisfaction. It is mounted on strong steel truck and easily wheeled to any desired place.



## BROWN'S AUTO-SPRAY No. 9

### Specifications

Capacity 3½ gallons

Height 23 Inches

Diameter 7 Inches

Weight (empty) 9 lbs.

Weight (loaded) 26 lbs.

Weight(shipping) 11½ lbs.

**No. 9-B** — Brass Tank.

Price... \$10.45

**No. 9-D** — Galvanized Tank, Price... \$6.25



## HUDSON PERFECTION SPRAYER



**Tank.**—7½ inches diameter; 20 inches high; capacity approximately 4 gallons. All seams riveted and soldered. Made in either galvanized or brass. The brass tank is recommended whenever a strongly corrosive solution is used. Copper-bearing galvanized sheet is used exclusively in the galvanized tank, as that is rust resisting and gives the sprayer a longer life.

**Pump.**—1¾ in. diameter, 15 in. long; seamless brass tubing. Plunger equipped with Hudson special cupped leather and heavy steel rod.

The **Hudson Perfection** high pressure compressed air sprayer—highest quality, most satisfactory. It can be used around the house and yard, in the barnyards and outhouses, on truck farms, in vineyards, potato, onion and melon fields and in all sizes of orchards.

Valve is brass, positive in operation, and recessed to prevent any possibility of damage.

**Standard Package.**—One in heavy fibre carton. Shipping weight, in galvanized, 11 pounds; in brass, 11½ pounds.

**No. 110-G.**—Galvanized Tank. Price \$6.25.

**No. 110-B.**—Brass Tank. Price, \$10.45.

The above prices includes a 2 foot brass extension rod.

## HUDSON JUNIOR SPRAYER

The **Hudson Junior Sprayer** is a high pressure compressed air sprayer. It is particularly adapted for the backyard garden or small truck farm, for use around the chicken house, in the dairy barn, hog pen or for disinfectants in hotels, restaurants, theatres and other public buildings. It is substantially made and thoroughly tested under actual working conditions at the factory.

**Tank.**—6½ in. diameter, 17 in. long; capacity approximately 2½ gallons. Made in either galvanized or brass. Brass is recommended for use with such solutions as Bordeaux Mixture, Lime-Sulphur, etc., because it resists their corrosive action. Copper-bearing sheet is used exclusively in the galvanized tank, because it is rust-resisting and longer lived in service.

**Pump.**—1¾ inches diameter, 15 inches long, seamless brass tubing. Equipped with special cupped Hudson leather, and heavy rod. Valve is brass, automatic in operation, operates perfectly under all pressures. Seals into tank by half turn of the handle. Releases by reversing the process.

**Standard Package.**—One in a heavy fibre carton. Shipping weight in galvanized, 8½ pounds; in brass, 9 pounds.

**No. 140-G.**—Galvanized Tank. Price, \$4.50.

**No. 140-B.**—Brass Tank. Price, \$8.25.

The above prices includes a 2 foot brass extension rod.



## Insecticides and Fungicides

**ARSENATE OF LEAD.**—(Powdered).—Extensively used. Is instantly soluble in water, a pound goes almost twice as far as two pounds of paste arsenate. 1 lb. to 2 lbs. dilutes 50 gals. of water. Prices on application.

**"BLACK LEAF 40".**—This is the insecticide that destroys Aphids (plant lice) as found on Rose Bushes. Leaf Hoppers as found on Potatoes. And all soft bodied sucking insects. Does not injure foliage. Per 1 oz. bottle, 35c.; 5 oz. \$1.00; 1 lb., \$2.25; 2 lbs., \$3.35; 5 lbs., \$6.25; 10 lbs., \$10.75.

**DUSTING SULPHUR.**—Used principally in greenhouses for checking mildew. Lb., 10c.; 5 lbs., 40c.; 10 lbs., 70c.

**FISH OIL SOAP.**—For mild forms of scale, and is an excellent summer spray, when something stronger cannot be used, where the San Jose Scale exists. Good for washing off ferns, plants, etc.  $\frac{1}{2}$  lb., 25c.; lb., 45c.; 5 lbs., \$2.00.

**FUNGI-BORDO**—A convenient, ever-ready dry Bordeaux Mixture of well-balanced formula. Prices on application.

**HELEBORE.**—Ideal material for destroying rose bugs, currant worms and other soft-shelled insects that infest the garden. Can be applied dry or in liquid form.  $\frac{1}{4}$  lb., 20c.;  $\frac{1}{2}$  lb., 35c.; lb., 65c.

**LIME SULPHUR.**—(Dry Powder Form).—Powdered Lime Sulphur is becoming very popular on account of the small expense for shipping. Is instantly soluble in either cold or hot water, dilute 1 lb. to 6 gals. of water; does not separate, keeps indefinitely. Lb., 30c.; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$4.00; 50 lbs., \$7.50; 100 lbs., \$13.50.

**MELROSEINE.**—The only remedy, endorsed by leading authorities, that kills rose bugs and other insects. Used with any good spray-pump, diluted with from 20 to 25 parts of water. Gal., \$6.00;  $\frac{1}{2}$  gal., \$3.25; qt., \$1.75; pt., \$1.00; trial size, 50c. By mail or express at customer's expense. Or trial size, sufficient to make 1 gallon when diluted, and care for several plants for the season, postpaid for 60c.

**P. T. B.**—(Para-Dichlorobenzine).—For peach tree borers; full directions on each package. Can be used successfully only during August and September. Do not use on very young trees. Lb., 50c.; 5 lbs., \$1.75; 10 lbs., \$3.50. 25 lbs., \$7.00.

### RED ARROW INSECT SPRAY

REG. U. S. PAT. OFF.

For Controlling

### ROOT, BULB AND SOIL INSECTS

Wire Worms	Sow Bugs	Ants
Root Aphids	Cicadae	Bumble Bees
Cut Worms	Aserica Beetles	Yellow Jackets
Spring Tails	Roaches	Wasps
Sand Fleas	Crickets	Beetles
Millipedes	Chinch Bugs	Snails
Caterpillars	Army Worms	

The larva of flies and moths.

### NON-POISONOUS Will Not Injure Plants

The following table shows low cost of spraying with Red Arrow.

	Price	Makes
1 Oz. Bottle.....	\$ .35	4 to 8 gals.
$\frac{1}{4}$ Pt. (3 $\frac{1}{2}$ ozs.) Can..	1.00	15 to 30 gals.
$\frac{1}{2}$ Pt. Can.....	1.75	35 to 70 gals.
1 Qt. Can.....	6.00	140 to 280 gals.
1 Gal. Can.....	20.00	560 to 1100 gals.

Finished Spray costs from 2 to 4c per gallon according to dilution.

**PESTROY.**—A convenient ready-to-mix combined insecticide and fungicide consisting of 85 per cent. dry Bordeaux Mixture and 15 per cent. of dry Arsenate of Lead for use on fruits and vegetables. This combination insures a properly balanced spray mixture. Prices on application.

**PYROX.**—The well known fungicide and insecticide. A general spray for all eating insects and fungus troubles. Lb., 50c.; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.25; 50 lbs., \$10.75; 100 lbs., \$15.50; 300 lbs., \$43.50.

**SLUG SHOT.**—A light, composite, fine powder, easily distributed either by duster bellows, or in water by spraying. Thoroughly reliable in killing currant worms, potato bugs, cabbage worms, lice, slugs, sow bugs, etc. Also strongly impregnated with fungicides. 1 lb. carton, perforated top, 20c.; 5 lbs., 65c.; 10 lbs., \$1.20; 25 lbs., \$2.75.

### SUNOCO SELF-EMULSIFYING SPRAY

A heavy-bodied, 97 per cent petroleum product, containing less than two per cent of water.

**Sunoco Spray Oil** will not freeze, and can be kept from season to season without deterioration.

#### Ten Reasons Why You Should Use SUNOCO SPRAY in Your Orchard

##### SUNOCO

1. Rids your trees of all kinds of scale better than lime-sulphur solutions.
2. Kills aphid and aphid eggs in delayed dormant spray without addition of expensive nicotine, and saves nicotine cost in later sprays if thoroughly applied.
3. Kills practically 100% of European red mite eggs. Lime-sulphur sprays show only about 60% kill.
4. Kills eggs of apple red-bug in delayed dormant spray without addition of nicotine. Lime-sulphur has no effect on them.
5. Aids in control of apple leaf-hopper by killing many of the eggs at the delayed dormant period.
6. Costs less than lime-sulphur and nicotine combinations and covers 20% more trees with the same number of gallons.
7. Is pleasant and agreeable to use. Does not burn or injure the skin or clothing.
8. Does not corrode or clog spray machinery—instead it lubricates all working parts.
9. Is ready to use at all times, mixes easily in any ordinary water and stays in emulsion.
10. Is not harmful or dangerous to trees with continued annual applications.

##### PRICES

1 gallon.....	\$1.25
5 gallons.....	5.00
15 gallon steel drum.....	9.30
30 gallon steel drum.....	15.90
50 gallon steel drum.....	23.00

Steel drums are not returnable.

**TOBACCO DUST.**—If dusted on while the foliage is moist, it destroys rose lice, cabbage and turnip fleas, etc. Spread upon the ground, it keeps off all earth insects, and is an excellent fertilizer. Lb., 10c.; 5 lbs., 40c.; 10 lbs., 75c.

## Wonderful for Flowers, Shrubs, Vegetables, Etc.

These little tablets are life savers for ferns, palms, rose bushes, plants of all varieties and vegetables. Contain minerals that give new life and vitality. Wonderful for cut flowers, too.

Make them last longer and keep more beautifully. Order a supply of Fertilis Tablets. Keep them handy. You will be delighted with results. Simple directions for use with each package.

*Fertilis Tablets do the work!*

## FERTILIS TABLETS

Package of 100 Tablets, 25c.  
Tin of 1000, \$2.00.



## High Grade Fertilizers

**STIM-U-PLANT**

PLANT STIMULANT TABLET

AN ALL-THE-YEAR FERTILIZER FOR  
GARDEN AND HOUSE PLANTS

Growers of fine flowers, shrubs and vegetables for the best markets and for exhibition, fertilize and stimulate them frequently, a little at a time. An excellent fertilizer for this purpose is **Stim-U-plant**, an odorless, highly concentrated plant-food, in tablet form, with guaranteed chemical analysis of 11 per cent nitrogen, 12 per cent phosphoric acid, 15 per cent potash. The proportions are accurate, there is no wasted filler, and in this form you apply plant-food exactly when and where and as needed.

### MAKE YOUR GARDEN A WONDER GARDEN

These tablets increase production, heighten color and improve quality immediately. Many professional and amateur growers use them extensively all the year round—from early spring until late fall outdoors during the winter for pot-plants, hot-house benches, etc. They are as fine for evergreens and other trees as for all garden and potted plants.

### EASY TO USE

Simply insert tablets in soil near plants, or dissolve in water at the rate of four tablets to the gallon and apply as liquid manure. Complete directions with every package.

Order **Stim-U-plant** tablets with your seed and plant order. Price, trial size, 15c.; small size, 25c.; 100 tablets, 75c.; 1000, \$3.50.

**SHEEP MANURE.**—Positively free from weeds, promotes strong healthy growth of all plants, and makes a rich fertile soil. Far superior to chemical fertilizers and stable manure.

**For Lawns, Gardens and Shrubbery** it is unequalled, produces thick, velvety green turf, healthy foliage and vivid colored flowers. Use 10 pounds for each 100 square feet, raked into surface soil.

**Vegetable Crops.** Promotes quick, early growth of crisp tender vegetables. Profitable for the practical grower. Use in drill or broadcast 10 pounds for each 100 square feet. Price.—5 lbs., 35c.; 10 lbs., 60c.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00.

### BONE MEAL

One of the best fertilizers for home garden and lawn use. It can be applied freely without doing any harm. Lb. pkg.; 10c.; 5 lbs., 40c.; 10 lbs., 70c.; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.75.

**STIMUGERM**  
LEGUME INOCULATION

The Best Inoculation for All Legume Seeds Means Better Crops, Better Soils, Less Fertilizer Expense

**STIMUGERM** is economical and easy to use

STIMUGERM carries the nitrifying bacteria in a porous humus medium which acts as a natural home for them—keeps them fresh, active and vigorous. The ventilated cans are friction top and open easily without cutting.

Place seed in pile, moisten with water and a little sugar, pour on STIMUGERM and plant in usual way. This gives thorough inoculation, and is cheaper, safer and better than the discredited laborious soil transfer method.

**How to order.**—Specify crop and number of bushels you wish to inoculate (one-bushel size contains sufficient bacteria to thoroughly inoculate one bushel of designated variety of legume seed).

### Prices Are Low

For small seeds—Clovers, Sweet Clovers, Alfalfa, etc.

1/4-bus. size .....	\$0.35	1 -bus. size .....	\$1.00
1/2-bus. size .....	.60	2 1/2-bus. size .....	2.25

New Reduced Prices on Cultures for Large-Size Seeds—Soy Beans, Cowpeas, Peas, Beans, etc.

1/2-bus. size .....	\$0.35	1-bus. size .....	\$0.60
		5-bus. size .....	\$2.25

Special Garden Size for Garden Peas, Beans and Sweet Peas, 25c



## SEED DISINFECTANTS

These effective seed disinfectants are sold by the Bayer-Semesan Company, a consolidation of E. I. du Pont de Nemours & Company, Inc., and The Bayer Company, Inc.

**SEMESAN.** May be used as a dust or liquid to treat vegetable and flower seeds and bulbs. Prevents and controls a large number of seed-borne diseases. Remarkably effective against damping-off. Especially useful in protecting against Gladiolus diseases, black spot and mildew of roses. Costs only  $\frac{1}{4}$  to 1c. per pound of seed. 2 oz. 50c.; 1 lb. \$2.75; 5 lbs. \$13.00.

**SEMESAN, Jr.** The dust disinfection for seed, field and sweet corn. As only 2 ounces per bushel are necessary, the cost for field corn is only 2 1/2c. per acre. Protects the seed from rotting in cold, wet soil, and increases stands and yields. 4 oz. 50c.; 1 lb. \$1.75; 5 lb. \$8.00.

**SEMESAN BEL.** The instantaneous treatment for seed, white and sweet potatoes. One pound treats 16 to 22 bushels. Controls seed-borne diseases and increases yields. 4 oz. 50c.; 1 lb. \$1.75; 5 lb. \$8.00.

**CERESAN.** This is a new dust disinfectant for the seed treatment of wheat, oats, barley, rye and sorghum. Controls nine diseases of these crops. Prevents crop losses due to smuts. Quickly and easily applied. 8 oz. 50c.; 1 lb. 75c.; 5 lb. \$3.00.

**SOW  
SUPERLATIVE  
LAWN SEED**

For Permanent Results



APHISTROGEN also refreshes and invigorates the foliage. APHISTROGEN, while primarily perfected for aphids on Roses, is just as effective when used on other plants, either outdoors or in the house. APHISTROGEN will not turn the foliage yellow. It is invisible and non-poisonous, containing no nicotine sulphate. A complete spray. Simply mix with sixty times its volume of water.

When used alternately with Fungtrogen, the results are especially effective.

#### PRICES

2 Ounces.....	\$0.50	2 lbs.....	\$3.50
½ lb.....	1.25	12 lbs.....	15.00
1 lb.....	2.25		

#### KILLS MOST LEAF-EATING INSECTS

A highly effective insecticide for leaf-eating insects, including caterpillars, slug worms, Japanese Beetle, etc., and has definite fungicidal value for blackspot on roses. An effective destroyer of leaf tier on Chrysanthemums grown under glass, etc.

Use INSECTROGEN alternately, as a companion spray, with the famous fungicide Fungtrogen. This results in unusually fine foliage and blooms heretofore unattainable as to color, form and general beauty. A complete spray—only water is required. Makes sixty times its volume as a spray.

#### PRICES

4 Ounces .....	\$0.60	Quart.....	\$2.75
½ Pint.....	1.00	½ Gal.....	4.50
Pint.....	1.75	Gal.....	8.00



#### KILLS APHIS (Plant Lice)

A scientific aphicide, perfected by Rose specialists, that quickly rids your plants of aphids, the destructive tiny green or pink soft-bodied insects, commonly called plant lice, found on the tender branches and foliage—weakening the plant and carrying disease.

## ASTOGEN

(Trade Mark)

### NON-POISONOUS SOIL INSECTICIDE

KILLS ROOT APHIS (Root Lice), CUT WORMS and OTHER SOIL PESTS.

In Convenient Powdered Form

*A non-poisonous Soil Insecticide for Asters, Columbines, Nasturtiums, Marigolds, Snapdragons, Calendulas, etc.*

#### PRICES

2 lbs. . . . .	\$0.75	25 lbs. . . . .	\$5.00
5 lbs. . . . .	1.50	50 lbs. . . . .	8.50
10 lbs. . . . .	2.75	100 lbs. . . . .	15.00

(10 lbs. will treat from 50 to 60 plants)



MEXOGEN is a highly concentrated contact spray and repellent, scientifically prepared to destroy and repel this destructive enemy of the truck gardener, which is spreading so rapidly throughout the country. MEXOGEN destroys the larvae and eggs, as well as the adult beetle, and is an efficient repellent.

#### PRICES

Half-pint . . . . .	\$0.75
Quart . . . . .	2.00
Gallon . . . . .	6.00

MEXOGEN, being mixable in water and highly concentrated, makes about 44 times its volume as a spray.

### A Remarkable New Discovery For ROSES and Other PLANTS



#### CONQUERS MILDEW AND BLACK SPOT

A HIGHLY concentrated fungicide invisible on the foliage or blooms. An improved form of the noted Rosenbluth formula, combined with the nitrogenous fertilizing product Hortogen that results in plant vigor almost beyond belief—superb foliage and amazing blooms.

FUNGTROGEN is the most effective and scientific preventative and remedy for mildew, black spot and other fungoid diseases of Roses and other plants.

In gardens where FUNGTROGEN and its companion sprays are regularly used, Brown Canker is unknown.

It is an equally efficacious detergent for rust on carnations grown under glass as well as snapdragons, etc., imparting a sturdy vigor heretofore considered impossible. FUNGTROGEN is a complete spray, easily diluted in water, making 60 times their volume.

Endorsed by the world's leading Rosarians.

#### PRICES

½ Pint .....	\$0.75	Quart .....	\$2.00
Pint .....	1.25	½ Gal.....	3.50
Gal.....			6.00

## MOLOGEN

(Trade Mark)

### MOLE KILLER

Eliminates Moles from your Lawn within Two or Three Days!

### NON-POISONOUS TO HUMANS AND PETS

In Powder form. Will in no way injure Soil or Grass. Emits No Gas. Odorless.

#### PRICES

½ lb. Can	50c	1½ lb. Can	\$1.25
5 lb. Can	\$4.00		

# Planet Jr. Garden Tools

You cannot afford to till the ground without **PLANET JR. TOOLS**. They not only save hard labor, but enable you to cultivate double the acreage in the same time, and thus add over 100 per cent to your crop yield. Invented by a practical farmer and manufacturer—the result of fifty years' experience. Strong, lasting construction. Fully guaranteed.

## NO. 3 PLANET JR. HILL AND DRILL SEEDER

**PRICE, \$17.50**

Holds three quarts of seed. A favorite among onion-growers, market gardeners, and seedsmen. Sows accurately in a row, making wheel-hoe cultivation easy.



The steel wheel, with heavy steel spokes, is 15 inches high with broad face, making the tool light and easy running even with a full hopper.

## NO. 4 PLANET JR. COMBINED HILL AND DRILL SEEDER, WHEEL HOE, CULTIVATOR AND PLOW

**PRICE, COMPLETE, \$18.00**

**As a Seeder only  
(No. 4D), \$14.25**

**Holds  
2½ quarts  
of seed.**

Plants in hills 4, 6, 8, 12 or 24 inches apart.

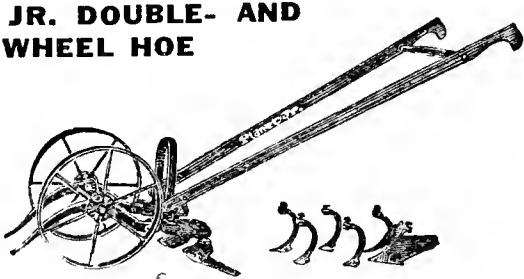
Soon pays for itself in the family garden as well as in the larger acreage. Sows all garden seeds (in drills or in hills), plows, opens furrows and covers them, hoes and cultivates quickly and easily.

## NO. 12 PLANET JR. DOUBLE- AND SINGLE-WHEEL HOE

**Steel Frames—  
14-Inch Steel  
Wheels**

**PRICE, \$10.75**

A Single- and Double-Wheel Hoe in one. It straddles crops till 20 inches high, then works between. Has steel frames and 14-inch steel wheels. The greatest hand-cultivating tool in the world. The attachments sold with No. 12 are what gardeners use most, and the others can be added as wanted.



In buying a Garden Cultivator be sure to get a **Planet Jr.**—and You Get the Best.

**No. 119**

## PLANET JR. GARDEN PLOW AND CULTIVATOR

**PRICE, \$4.75**

No. 119 has a wheel—24-inches in diameter making an easy running tool for any garden work.

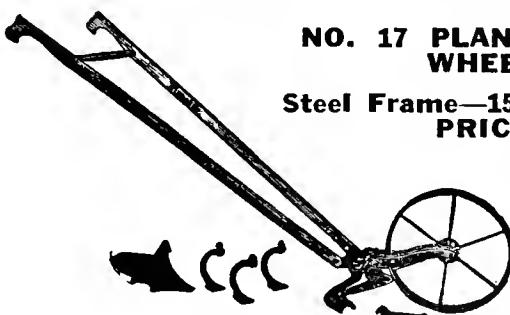


The Planet Jr. "High-

"Wheel" is, in brief, a very complete, practical tool, with which you will find it astonishingly easy to keep your garden perfectly cultivated. It does the work in a fraction of the time, and with a fraction of the labor necessary with a hand hoe. You can cultivate your garden more often; result: bigger and better crops.

## NO. 17 PLANET JR. SINGLE-WHEEL HOE

**Steel Frame—15-Inch Steel Wheel  
PRICE, \$7.75**

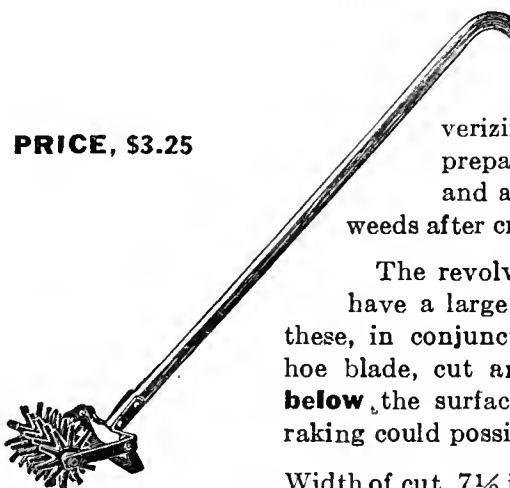


The highest type of the Single-Wheel Hoe made. Light but strong, and can be used by man, woman, or boy. Will do all the cultivating

in your garden in the easiest, quickest, and best way. These wheel-hoe tools are of a special pattern, carefully tested by practical men; no others ever offered compare with them. All the steel parts are high carbon steel, oil-tempered, finely formed, finished and polished, and work to a charm.

## PLANET JR. STAR PULVERIZER, LEVELER AND WEEDEER

**PRICE, \$3.25**



This tool, as its name implies can be used both for pulverizing the seed bed in preparation for planting; and also for keeping down weeds after crops are up.

The revolving star-shaped discs have a large cutting surface; and these, in conjunction with the scuffle hoe blade, cut and pulverize the soil **below** the surface, as no amount of raking could possibly do.

Width of cut, 7½ inches. Weight, 6 lbs.



# The B-K Plan of Sanitation—Use B-K—It Pays!



**Safe, Effective, Economical**

For Dairy Utensils

Milking Machines

Milk Plant Equipment

Destroys germs that sour milk and cause off-flavors.

Dilutions: 1 oz. B-K to 3 gals. water will effectively sterilize dairy utensils. 1 oz. to 5 gals. water effectively sterilizes bottles—effective sterilization for a few cents a day.

### Protect Your Poultry

Poultrymen everywhere know that 80% of all poultry diseases are preventable.



**Safe—Economical—Non-Poisonous**

Clean premises thoroughly and frequently—then spray brooder and poultry houses, especially feed troughs with B-K dilution (4 oz. to gal. of water). Use B-K in all drinking water (1 oz. to gal.) to keep water pure and help prevent spread of respiratory diseases.

# INDOR INSECT KILLER

REG. U. S. PAT. OFF.

Kills flies, bugs, moths, mosquitoes.

For dairies, homes, restaurants, hotels, factories, offices.

Does not injure draperies nor clothes.

Sold in pint, quart, gallon, 5, 30 and 50 gallon sizes.



### FLY SPRAY

**Protects Milk Profits**

K-O Fly Spray builds up a protective film on the cow's hair which effectively repels flies. It is non-poisonous and will not injure the cows when properly used. Will not taint milk. Has no unpleasant odor.

Sold in 1-5-30 and 50 gallon sizes.

*For Poultry Profits and Satisfaction, We Recommend*

# *Pratts*, GUARANTEED POULTRY PRODUCTS

Made by the oldest and largest firm of their kind in the country  
and used by leading poultrymen for over 50 years



**PRATTS POULTRY REGULATOR**  
added to any mash enables birds to get more nourishment from the food they eat, lay more eggs, increase fertility, vitality and hatchability of eggs. Try it. It is guaranteed.



**PRATTS POWDERED LICE KILLER**  
for lice on chickens, horses, cows, hogs, dogs, cats and many insects on plants. Powerful, non-poisonous, non-irritating and very economical to use. 25c. and 50c. pkgs.



**PRATTS ROUP REMEDY**  
in either powder or tablet form is most effective in preventing and curing roup, colds, catarrh, etc. Tones up system while curing. 25c. and 50c. pkgs.

### PRATTS BUTTERMILK

**BABY CHICK FOOD** is the original "baby food for baby chicks." Pratts is the standard by which others are judged and is the most widely used of all. Made of highest quality ingredients mechanically predigested. The extra chicks you raise will pay for all the feed.



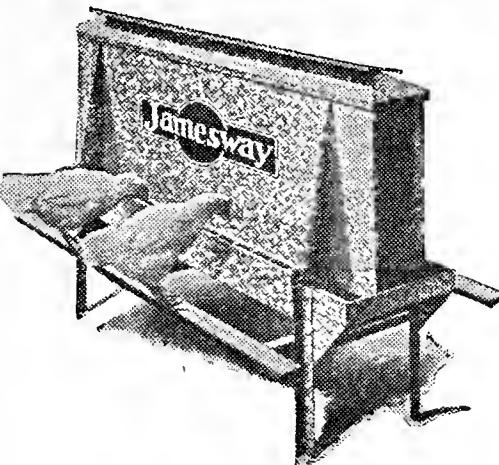
**PRATTS WHITE DIARRHEA TABLETS**  
used in the drinking water for the first ten days will effectively prevent white diarrhea and save you many chicks. 25c. and 50c. pkgs.



**PRATTS POULTRY DISINFECTANT**  
is a powerful, non-poisonous disinfectant and deodorizer. Use it to aid in preventing and treating roup, colds and other contagious diseases. 55c. per quart can.

**WE HAVE A PRATT REMEDY FOR NEARLY EVERY CURABLE DISEASE  
AND A PRATT QUALITY FEED FOR EVERY NEED**

**SEVEN DAY MASH FEEDERS**  
With Agitator and Waste Pan



**5 Big  
Self Feeders  
in 1**  
Protected by  
U. S. Patents  
**Can't Clog  
Can't Waste**

The Jamesway Agitating Self Feeder prevents clogging. A valuable patented feature. Feeding perches are built like a teeter-totter. Every time a hen jumps upon them, the mash compartment joggles and down comes the feed. No other feeder is so equipped.

**Can't Waste**

Feed bailed out by the hens in feeding and scattered to the floor is a dead loss. Hens will not eat it. But in Jamesway Self Feeders, patented Feed Saver Pans catch mash before it is wasted.

**5 Big Feeders in 1**

The Jamesway Self Feeder is really 5 big seven-day self feeders in one. Big middle compartment holds week's supply of egg mash. Two smaller bins at each end hold enough grit, shell, charcoal, and scrap to last several weeks. Just one feeder to look after. Saves time, saves work. Keeps the feeds that make eggs before your hens constantly. Hens help themselves to what they need and want. There is nothing like this Jamesway Self Feeder in size, practical egg-making, feed saving, lasting qualities. Built strong and sturdy to work a good many years for you. Made from heavy, galvanized steel sheets. Stands 16 inches off the floor; takes up no scratching room. Patented tilting top skids hens off should they try to roost there.

**50 lb. Feeder No. 527**

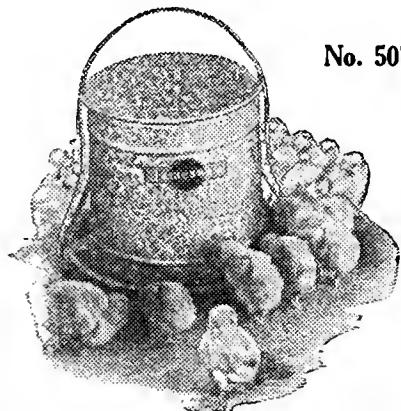
Holds 50 pounds of dry egg mash—9 pounds scraps—15 pounds oyster shell—5 pounds charcoal—15 pounds grit. 36 inches long—16½ inches wide—38 inches high. Self feeds 75 to 125 hens for one week without refilling. .... \$10.75

**100 lb. Feeder No. 528**

Holds 100 pounds of dry egg mash—9 pounds scraps—15 pounds oyster shell—5 pounds charcoal—15 pounds grit. 60 inches long—16½ inches wide—38 inches high. Self feeds 125 to 200 hens for one week without refilling. .... \$15.50

**SIX QUART  
CHICK WATERER**

This is the waterer which has been such a success with poultry raisers. It is vacuum type. Cannot leak or flood the floor. It is easily filled and cleaned—can't tip over. Chicks can't get drowned. Only two parts, a pail and a heavy pan. Can be carried by bail without spilling when pan is on or off. Holds six quarts. Weighs four and one-half pounds. Thousands in use and every one is giving real satisfaction. At our low price, this is the biggest value ever offered in a small quality waterer. Can be shipped by parcel post. Shipping weight six pounds. Priced at..... \$1.25



No. 507

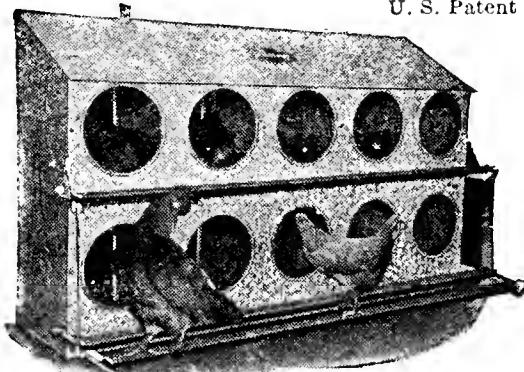
**8 GALLON  
WATERERS  
Flock Size  
With  
Heat or  
Without**

These big, flock size, 8-gallon waterers provide water for 150 hens one whole day without refilling. 15 to 20 hens can drink at the same time. Put one to work in your poultry house. They quickly pay for themselves not only through increased egg production but in time and work saved. Built of heavy rust resisting sheet steel. Wide drip pan keeps floor dry. A copper float opens and closes a non-rust brass valve and holds the water at exactly the right level in the drinking pan. Easily shut off for refilling.

**Made in 4 Styles**

(1) With a plain base and no heating arrangement, or (2) with a kerosene lamp in base for warming of water in winter. Can also be furnished with (3) an electric light socket for heating with an electric light bulb. (4) Used without base or stand as a range waterer for big flocks of baby chicks. The stand with perches shown is well worth its small cost as it lifts the waterer well up from the floor where dirt and chaff will not be scratched into it. Also allows for extra scratching room.  
No. 516B Waterer without stand or base..... \$5.00  
No. 513B Plain base (Stand extra)..... 5.90  
No. 512C Kerosene Lamp Heated (Stand extra)..... 6.75  
No. 514C Electric Bulb Heated (Stand extra)..... 7.50  
No. 585 Stand, well worth its extra cost..... 1.50

Protected  
U. S. Patent



**METAL NESTS  
Lice and Mite  
Proof  
Self Cleaning**

Put Jamesway Metal Nests in your poultry house and watch your hens side step the old mite infested wood boxes. Hard, smooth, sanitary, galvanized surface of Jamesway Metal Nests offers no place for parasites to hide and thrive.

Jamesway Metal Nests are clean, sanitary, lice and mite proof. Jamesway Sanitary Nests are easily cleaned. Simply swing them forward and upward. The back of the nest is open. Straw and shavings fall out and the nest is cleaned. It takes but little time to clean Jamesway Nests, and no effort.

**Made in 4 Sizes**

No. 823B	3 Nest Unit (1 tier, 3 ft. long)	\$ 4.50
No. 626D	6 Nest Unit (2 tiers, 3 ft. long)	6.25
No. 630D	10 Nest Unit (2 tiers, 5 ft. long)	9.25
No. 635A	15 Nest Unit (3 tiers, 5 ft. long)	13.50

**Nest Stand and Rack**

For poultry houses where nests cannot be hung on the walls. Nests hung on both sides of a galvanized steel sheet supported by pipe frame work.

No. 602 Stand for 2 No. 630D Nest Units..... \$ 9.00

No. 603 Stand for 2 No. 635A Nest Units..... 10.00

**Trap Attachment**

All Jamesway Nests are punched, so that traps may be added at any time. (See illustration.) Trap attachment is positive in operation. Prevents birds from getting out. No. 831A very reasonable at 40c each.

# ARBOLA

The Disinfecting White Paint

A WHITE paint and powerful disinfectant in powder form. Quickly mixed with water—no waiting or straining. Applied with brush or sprayer to all surfaces.

Does not flake or peel off. One pound covers 100 square feet. Agricultural colleges and experiment stations highly recommend it for cleanliness and prevention of disease in—

**Poultry Houses:** To paint and disinfect side walls, ceilings, roosts and brooders. Helps keep the birds free from lice and mites and the buildings clean, light and sanitary. The dry powder is an excellent louse powder.

**Barns and Stables:** To paint and disinfect side walls, ceilings, stalls, etc., as an aid to cleanliness and prevention of tuberculosis, foot and mouth disease and other contagious diseases.

**House and Garden:** Carbola applied to walls and ceilings of cellars will kill bad odors, mustiness, prevent cobwebs, disease germs, drive out spiders, ants and other insects. Dust Carbola on rose bushes, peas, cabbage, tomato plants, etc., to help rid of insects and worms. Spray it on trees and tree trunks.

Satisfaction or money back. 5 lb. pkg. 75c;  
10 lbs. \$1.25; 50 lbs. \$5.00; 200 lbs. \$18.00

## SHEPS Plant Spray Kills Bugs

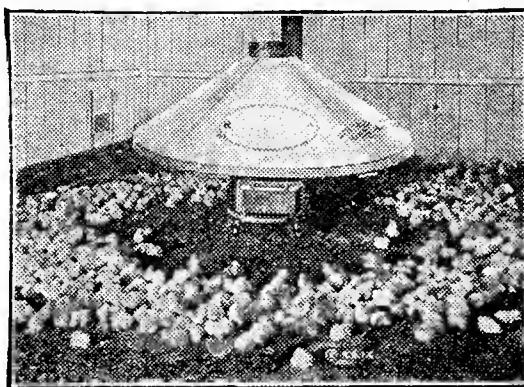


Get rid of destructive insects. Use SHEPS Plant Spray. Kills and controls both sucking and chewing insects but absolutely harmless to humans, birds, animals and pets. Will not "burn" delicate leaves or flowers. Makes green, healthy, lustrous foliage. No soapsuds solution needed—simply mix with water.

### PRICES POSTPAID

2-oz. Bottle (makes 4 gals. Spray Solution).....	\$ .35
8-oz. Bottle ( " 16 " " " ).....	.75
Pint Bottle ( " 32 " " " ).....	1.25
Quart Can ( " 64 " " " ).....	2.00

Bulk Prices on Request.



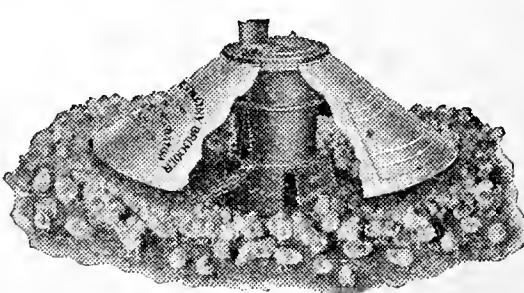
## BUCKEYE COAL-BURNING BROODERS Now Give Greatest Values Ever Offered

Larger stove, greater fuel capacity, greater heating efficiency, designed to burn soft or hard coal.

Thousands of so-called cheap brooders have been discarded each year by their owners and have been replaced with BUCKEYE Brooders. To make a fair comparison between BUCKEYE and other so-called cheap brooders, the diameter of the canopy should not be taken into consideration. You should compare the weight of the stove, the coal capacity, the necessary features for chick brooding. BUCKEYES are used by more poultry raisers than any other Coal-Burning Brooder in the country. Your neighbors are using BUCKEYES because they are able to secure more value per dollar than in any other brooder which they could possibly use. It is simple in construction and has no unnecessary frills or so-called talking points. They are easy to operate—very economical and are sold on a thirty day money-back guarantee—manufactured in three convenient sizes—rated at actual chick capacity. Freight will be paid at the prices and catalog will be mailed upon request.

We also have COMBUSTION-TYPE OIL BROODERS, BLUE FLAME and ELECTRIC BROODERS of this make. Write for your catalog or select a brooder which has proven over a period of twenty years to be the greatest chick saving Brooder to be found.

	Model No. 117	Model No. 118	Model No. 119
Diameter of Hover....	42 inches	52 inches	56 inches
Rating.....	350 chicks	500 chicks	1000 chicks
Coal Capacity.....	23½ lbs.	36 lbs.	58 lbs.
Height of Heater.....	20 inches	20½ inches	23½ inches
Diameter of Base.....	11 inches	12½ inches	13½ inches
Diameter of Grate....	8½ inches	9½ inches	10½ inches
Shipping Weight.....	75 lbs.	95 lbs.	130 lbs.
PRICE.....	\$15.00	\$17.50	\$22.50



Sow Superlative Lawn Seed for Permanent Results

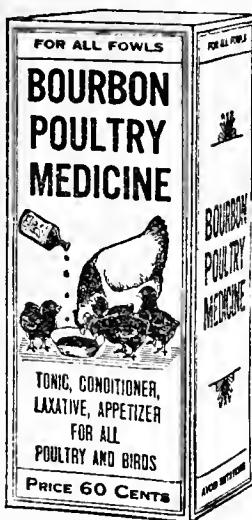
## The World-Famous NEWTOWN BROODER

NEWTOWN was the outstanding brooder fifteen years ago and is today the most efficient, dependable and satisfactory brooder to be obtained. NEWTOWN contains many necessary features for chick brooding that can be secured in no other brooder. Some of the outstanding features are: An extra-heavy stove, a large radiator bowl which increases heating efficiency, a large self-feeding coal magazine, a large heavy revolving grate, a soot trap for cleaning, a bar type metal thermostat, a metal jacket around the stove casting, a double bottom with sand ring, sloping ash pit, scientifically devised canopy, a specially ventilated fire bowl and many other necessary features.

The capacity of a brooder is not determined by the size or diameter of the canopy but by the coal capacity, construction and design of the stove. NEWTOWNS are in use wherever chicks are grown and have proven to be the most efficient, most economical and most satisfactory brooder to be found. Before deciding upon the purchase of a brooder, read the following dimensions and specifications and ask your neighbor how he likes his NEWTOWN. We will gladly mail you complete catalog and description of all Newtown Brooders upon request. PRICES INCLUDE DELIVERY BY FREIGHT.

Size	Dia. of Hover Crated	Weight 222 lbs.	Dia. above Floor	Cap. of Actual Grate	Weight 48 lbs.	Fuel Type	Size of Smoke Pipe	Price	Height
									of Weight above Hover
No. 11	50 in.	222 lbs.	12 in.	11 in.	48 lbs.	4 in.	\$32.50		
No. 12	56 in.	303 lbs.	14 in.	15 in.	65 lbs.	5 in.	40.00		

## BOURBON POULTRY MEDICINE



Was originated and first used more than a quarter of a century ago in the famous Blue Grass Section of Kentucky, the greatest blood-stock region of the world.

Its success as a medicine for fowls and for putting and keeping them in prime condition for rapid growth and heavy egg-laying, together with its peculiar property of imparting a lustrous and glossy appearance to their plumage, has given it a nation wide reputation among successful poultry and bird raisers.

Not only is it a valuable medicine for poultry and birds, but it is also an excellent tonic, an effective laxative, a fine conditioner, and a wonderful appetizer for all fowls.

A few drops daily in the drinking water or feed stimulates the appetite, aids digestion, clears the intestines of dangerous food poisons, builds strength and vitality, and thereby helps to put and keep fowls in fine condition for rapid growth and heavy egg-laying.

CHICKS NEED IT from hatching time to maturity to promote growth repair waste, lessen the chance of disease infection, and help keep them strong, vigorous, and thrifty.

MOULTING HENS, that are weakened by the shedding of old feathers and growing of thousands of new ones, are especially benefited by it, as it helps to stimulate nutrition, build up their strength, and put them in condition for renewed egg-laying.

ALL FOWLS that take it regular for a few weeks and are properly fed and cared for will show renewed vigor and animation and their plumage will take on a lustrous and glossy appearance.

If you want your poultry and birds to keep healthy, grow faster, and lay more eggs, give them a few drops of this medicine daily in their drinking water or feed.

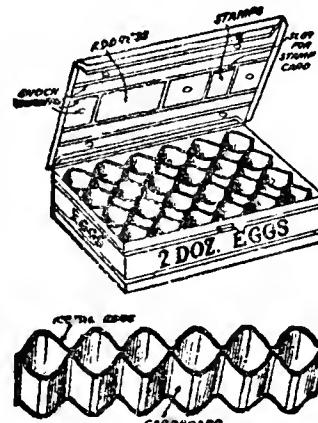
It works alike on chickens, turkeys, ducks, geese, pigeons, birds, and all the fowl family.

### PRICES

Small Size .....	\$0.60	Quart.....	\$2.25
Half-Pint .....	1.00	Half-Gallon.....	3.50
Pint .....	1.50	One Gallon.....	6.00
		Five Gallons.....	\$25.00

### METAL EGG SHIPPING BOX

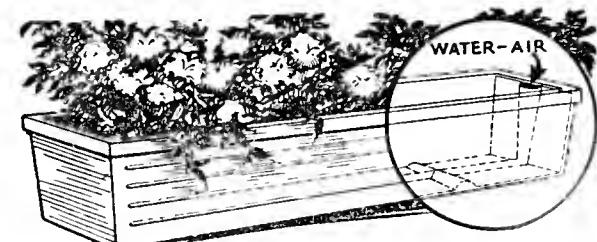
This is the ideal, indestructible box for forwarding household eggs by parcel post or express; can be used indefinitely.



Each	1½-dozen capacity.....	\$1.25
	2-dozen capacity.....	1.50
	3-dozen capacity.....	1.75
	4-dozen capacity.....	2.00
	6-dozen capacity.....	2.50
	9-dozen capacity.....	3.25
	12-dozen capacity.....	4.00

If wanted by parcel post, add 15c. per box for mailing.

**THE PERFECTO FLOWER BOX**  
Enjoy Healthier Flowers in This Scientific Box  
**Proper Irrigation**



The PERFECTO FLOWER BOX embodies correct, approved, scientific principles for raising luxuriant plants and flowers indoors or outside. Patented system with water entrance at both ends feeds water properly at roots of plants and circulates air beneath soil; keeps it from souring. Maximum beauty in the home or on the porch and rapid growth of plants made certain in winter or summer. This is one of the new inventions and we think it is the best and most attractive Flower Box made.

We have the following sizes enameled in Green finish or Old Ivory finish. Specify color desired in ordering. Delivered upon receipt of price.

### PRICES

20 inches long, 6 in. deep, 7 in. wide.....	\$1.00
36 inches long, 6 in. deep, 7 in. wide.....	1.50
32 inches long, 6 in. deep, 7 in. wide.....	2.00
28 inches long, 6 inches deep, 7 in. wide.....	2.50
44 inches long, 6 in. deep, 7 in. wide.....	3.00

### SANAHIDE

The new crude oil animal wash that HEALS THE ITCHING SKIN DISEASES OF ALL ANIMALS, and keeps both skin and coat in prime condition.

SANAHIDE is crude oil that is creamy white, washes out with one rinsing, dries quickly and does not stain. It is a supreme remedy for mange, eczema, ear canker and ringworm, heals scratches and wounds and never irritates.

SANAHIDE keeps away fleas and flies and adds "life" to coat. Used extensively by best kennels, veterinarians, and dog owners everywhere.

### PRICES

Half Pint.....	\$0.60	Quart.....	\$1.50
Pint.....	1.00	Gallon.....	4.00



**What a difference a few of  
these magic tablets make!**

Picture a plant—struggling gallantly but vainly—in a feeble, fruitless search to find food in soil that contains none. Faded, drooping, flowerless, you call it a failure. But is it?

A few of the magic plant food tablets called Plantabbs would have made this pathetic little plant a big success!

We now sell and recommend Plantabbs. Odorless, clean, easy to use, they're Trojans for work. A forkful of stable manure won't do as much for your plants and flowers as one of these concentrated odorless white tablets. As they dissolve in water almost instantly, they make a wonderful liquid fertilizer, and when used in this way make the most wornout soil rich and fertile overnight.

Plantabbs are so perfectly balanced, so chock full of growth producing, health giving, energizing plant food, that many florists and professional growers purchase them in quantities for their own use.

To raise potted plants of amazing beauty, to enjoy a gorgeous garden with a profusion of brilliantly colored blooms, to raise tender succulent vegetables, use Plantabbs! Leading horticulturists and State Agriculture Departments approve them—and we guarantee to refund your money if they fail to benefit your plants when used according to the instructions which come with each package.

A season's supply for your garden costs only \$3.50; other sizes sufficient for potted plants, sell for \$1.00, 50c and 25c per package. Include in your next order.

Guaranteed  
to improve  
your plants



**VOLCK, Effective, safe and easy to use**

Controlling plant pests successfully demands a spray that will not only effectively control pests such as Red Spider, Mealy Bug, Scale, White Fly and Aphis, but at the same time be safe to use on tender plants. Safety is particularly necessary on tender greenhouse and garden plants. VOLCK answers these requirements and fewer applications will get results.

VOLCK is also a pleasant spray to handle and mixes easily with water.

VOLCK does not burn the hands or face, or eyes; does not disfigure clothing nor leave a disagreeable odor, after its use. Instead, VOLCK brightens the plants and gives them a healthy, handsome appearance. VOLCK is being used by many nurseries on a large range of greenhouse plants such as asters, begonias, crotons, cyclamen, evergreens, ferns, palms, poinsettias, snapdragons, etc., for this brightening and beautifying effect as much as for control of pests.

VOLCK can be mixed with other spray materials as Bordeaux Mixture, Arsenate of Lead and Nicotine Sulphate; but should never be mixed with Sulphur or any Sulphur compound, either in the spray tank or on the plants.

VOLCK is packed in convenient sizes:

1/2 Pt. Cans.....\$ .50	1 Qt. Cans.....\$1.00	5 Gal. Cans...\$12.00
1 Pt. Cans..... .75	1 Gal. Cans.... 3.00	14 Gal. Drums. 25.00
	28 Gal. Drums.....	\$40.00

**DERRISOL**

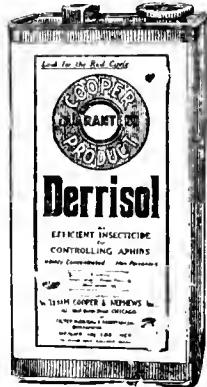
is an ideal contact insecticide, which growers will find exceptionally efficient, for the control of aphids, plant lice, black flies, green flies, leaf-hoppers, thrips, red spiders, and many other soft-bodied sucking insects, as well as some small leaf-eating larvae, such as cabbage worms, and saw fly larvae.

DERRISOL is non-poisonous, odorless in solution, and very pleasant and safe to use. Being non-poisonous, Derrisol can be used on plants, soon to be eaten, whereas it might not be desirable to apply a poisonous insecticide.

DERRISOL does not require the use of soap or a spreader, and it can be combined with other liquid insecticides and fungicides, such as oil emulsions, lime sulphur solutions, bordeaux mixture, and arsenate of lead.

**Prices of Derrisol**

1 oz. bottle (makes 6 gals.).....\$ 0.35
1/2 lb. bottle (makes 50 gals.)..... 1.20
1 lb. can (makes 100 gals.)..... 2.00
2 lb. can (makes 200 gals.)..... 3.00
10 lb. can (makes 1,000 gals.)..... 12.00

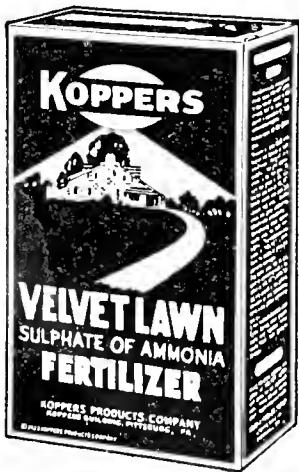


## VELVET LAWN FERTILIZER

*Makes Thick, Springy, Weedless, Lawns*

Specially processed Ammonium Sulphate . . . guaranteed to contain 20.75% nitrogen. Actually checks growth of weeds while abundantly nourishing grass and plants. Clean, odorless . . . so fine and dry it can be broadcast by hand like grass seed. Ten pounds is equivalent in fertilizer value to 400 pounds of manure. The five-pound canister is ample for 1250 square feet of lawn (50 ft. x 25 ft.) Full directions with every size. Keeps indefinitely without lumping or caking.

26 oz. Carton.....\$0.25
5 lb. Canister..... .60
10 lb. Bag..... 1.15
25 lb. Bag..... 2.25
50 lb. Bag..... 3.75
100 lb. Bag..... 6.00



## SKINNER LAWN SPRINKLER



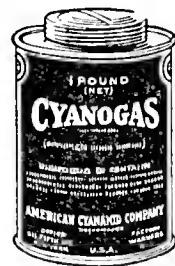
**Price, \$35.00**

# Kill PESTS with CYANOGENS

REG. U.S. PAT. OFF.

Cyanogas kills pests by giving off a gas that is deadly to them. They cannot escape it.

Cyanogas can be safely handled by humans when ordinary precautions are observed. The residue from Cyanogas is largely ordinary slaked lime which is harmless.



There are several grades of Cyanogas for pest control, namely:—Cyanogas A-Dust for rodent and insect pest control; Cyanogas G—Fumigant for Greenhouse Fumigation; and Cyanogas S—Dusting Mixture for Orchard and Truck Crop Dusting. Packed in 1-lb., 5-lb. and 25-lb. tins and 100 lb. drums.

### EASY, QUICK AND THOROUGH

Cyanogas is easy to apply, quick in action and does a thoroughgoing job of cleaning out pests of all kinds. For Rat and Mole control Cyanogas A—Dust is applied with a special Cyanogas Duster; for woodchucks and other burrowing pests, it is applied with a teaspoon or tablespoon; for greenhouse fumigation Cyanogas is sifted on the greenhouse walks at night; and Orchard and truck crops are dusted with Cyanogas with Cyanogas Dusters. Send for descriptive leaflets on the grades of Cyanogas you need and on the special Cyanogas Dusters.

## SPRATT'S DOG FOODS



### HIS HEALTH AND HAPPINESS DEMAND

the best foods you can buy. Your dog gives to you all that it is in his power to give; he asks for nothing in return. It is for you to stand by your dog where feeding is concerned. Good isn't good enough when you can get **SPRATT'S**.

We carry in stock and recommend the following:

### SPRATT'S PUPPY BISCUITS

### SPRATT'S FIBO (A Granulated Dog Food)

### Spratt's Ovals (A HANDY POCKET BISCUIT)

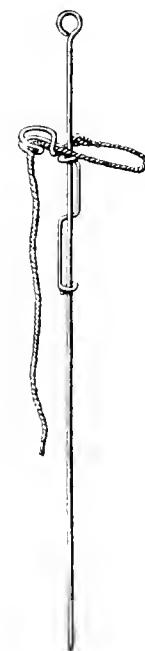
Write for pamphlet on the care and feeding of dogs containing much valuable information.



## Timesaver Plant Supports

*Easily Placed  
and Adjusted*

The Timesaver Plant Supports can be placed and adjusted in three simple motions.



1. Shove stake very solidly into the ground with one hand.
2. Grasp sliding clip firmly with other hand and push up or down stake to the desired height.
3. The loose Java fiber end is then taken in hand and placed around bush or stem of flower or shrub to any diameter desired and at the end of the motion, drawn into tying device on clip which catches and holds it until released again by yourself.

Can be unfastened for readjusting height on flower stem by the same motions, reversed.

### PRICES

- |         |                        |
|---------|------------------------|
| No. 2.  | 3 ft., \$1.15 per doz. |
| No. 3A. | 4 ft., 2.20 per doz.   |
| No. 4.  | 5 ft., 2.75 per doz.   |

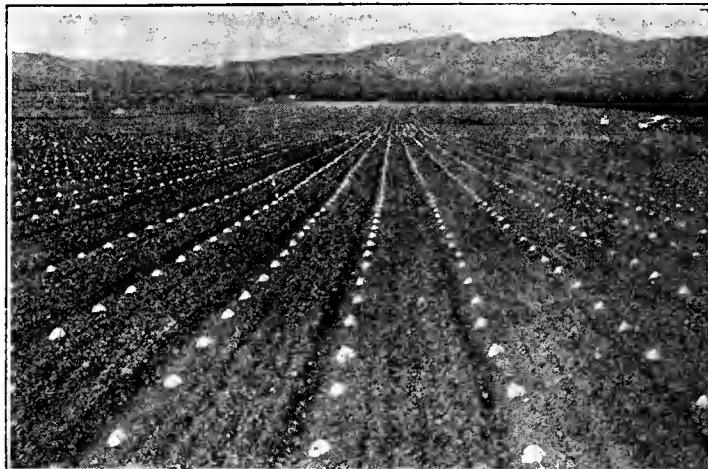


### What Gator Hide Mulch Paper Is—How it Works

Gator Hide Mulch Paper, made by the INTERNATIONAL PAPER COMPANY, the world's largest paper manufacturer, is one of the toughest, strongest, most durable papers made. It is impregnated by a special process with a particular grade of asphaltum which has no harmful effect on soil or plant life.

Unrolled over the proposed plant beds, and anchored by soil or other available material along the edges, Gator Hide Mulch Paper imprisons all the moisture in the soil. Its black surface catches and retains the sun's heat. This raises the soil's temperature, prevents cooling at night, and promotes continuous bacterial activity, liberating night and day nitrous food matter for the plant, producing bigger, better, and earlier crops.

Planting is done through holes made in the paper, or in the space between two strips of paper rolled out close together. Thus, while ample space is provided for the plant, no space is left for weeds, and the nourishment they ordinarily steal from the soil is conserved for the crops you plant



### Earlier, More Profitable Crops

Germaco HOTKAPS can make many extra dollars for you this season. They are patented wax paper cones—"individual hothouses for each plant" that completely cover them, and **fully protect** them from frost, wind, rain, ground-crusting and insects. This is your assurance of earlier, bigger crops, and higher early-to-market prices. HOTKAPS are inexpensive and easy to use. One man "sets" over 3,000 per day.

Write us about HOTKAPS or order your season's supply now.

**Prices:** 1,000 lots, \$11.50; 5,000 lots, \$11.00 per M; 10,000 lots, \$10.75 per M; 250 Trial Package, including Garden Setter with Tamper, \$4.00; 100 Home Package, including Garden Setter with Tamper, \$2.50; Germaco Hotkap Steel Setter with Tamper, \$2.50; postage extra.

**Weights:** 1,000 package HOTKAPS, 26 lbs.; 250 package, 9 lbs.; 100 package, 5 lbs.; Steel Hotkap Setter, 3 lbs.



## GATOR-HIDE Mulch Paper

### IN TWO TYPES AND TWO WIDTHS

**Type A—for ANNUALS**—primarily in field culture:

18" width—300 linear yards to the roll.....\$3.05  
36" width—300 linear yards to the roll.....7.00

**Type B—for PERENNIALS in field culture and ALL garden work:**

18" width—150 linear yards to the roll.....\$3.50  
36" width—150 linear yards to the roll.....7.00  
Special prices for larger quantities.

## ATLACIDE NON-POISONOUS WEED KILLER PATENTED DUSTER

Atlacide non-poisonous weed killer duster exterminates all undesirable vegetation including Poison Ivy and Canada Thistle. There is no danger of poisoning humans or animals. Simply shake the powder from the can on the weeds and grasses to be killed. This method is especially recommended for obtaining weed-free driveways, paths, tennis courts and gutters. For larger areas it is recommended that Atlacide be dissolved in water at the rate of one pound to two gallons and apply with a spray or sprinkling can.

1 lb. Duster (kills 100 sq. ft. of weeds) each.....\$0.50  
3½ lb. Duster (kills 350 sq. ft. of weeds) each.....1.50

### Bulk sizes for refilling Duster or for making solution.

50 lb. Drum (kills 5,000 sq. ft. of weeds) lb.....\$0.20  
100 lb. Drum (kills 10,000 sq. ft. of weeds) lb......19  
200 lb. Drum (kills 20,000 sq. ft. of weeds) lb......18

## RED ARROW

### Insect Spray

A Pyrethrum Product



A powerful, NON-POISONOUS Insecticide that kills both sucking and chewing insects.

**Non-Poisonous**

**Economical**

Will not harm or stain the tenderest leaf or flower.  
Price list and descriptive booklets free upon request.

McCORMICK & CO., Inc.

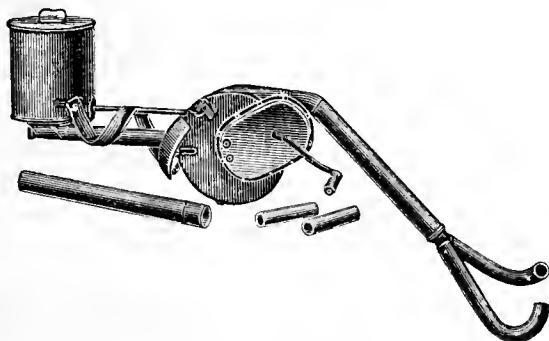
Baltimore, Md.

## Mexican Bean Beetle

This pest originally came from Mexico. In 1920 it appeared in northern Alabama. In 1921 it had spread over an area of 4,500 square miles, and destroyed practically all of the beans in that section. It has spread to neighboring states, and is now found in Georgia, the Carolinas, Tennessee, Kentucky, Virginia and Ohio.

Bourbon Remedy Company's  
**GARDEN INSECTICIDE**

is a prepared dusting powder, especially adapted for the control of this pest. It may also be used against many other leaf-eating bugs and worms. Price per can, **35c.**



**PEERLESS HAND DUST GUN**

The Peerless Hand Dust Gun is well constructed of first class material and is built for service. It is constructed so as to give satisfaction and will last several years with proper care. The gun comes in one unit—completely assembled—to which the parts desired can be attached merely by slipping them on the discharge pipe. The parts are interchangeable and any combination desired can readily be made, such as, set up for dusting trees, one row dusting, two row dusting, dusting underneath foliage and also dusting in burrows.

The gun is a balanced gun—the hopper containing the dust hangs on the back while the fan hangs to the front. The suction pipe connects the two—while a strap thrown over the shoulder supports the weight.

The five blade fan is made in one piece and fastened to a shaft mounted with ball bearings which are continually lubricated with grease. The fan case is made in two pieces and soldered on the seam, thereby making it air tight.

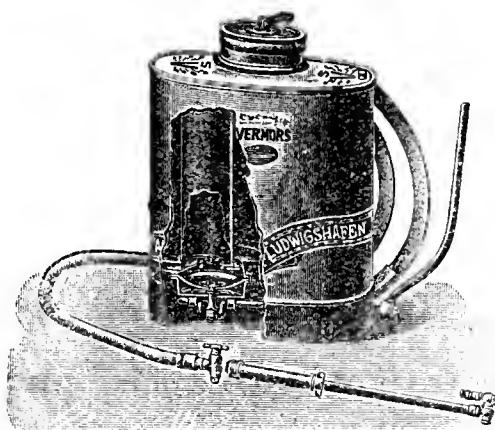
The gears are cut in steel and brass, opposite metals working together, and were designed for power and service. They are assembled in a tight housing and run in grease. A neat screw cap on the side permits of refilling when necessary. It is not necessary to pack the gear case full of grease. Only three tablespoons full of 600-W or thin grease—not cup grease—is sufficient. If the case is filled—the friction will be too great to allow turning the handle.

The gear ratio is 43 to 1,—every turn of the handle revolves the fan forty-three times. With ordinary turning the fan shaft will develop a speed of 1800 revolutions per minute. This speed produces an exceptionally strong draft which draws the air through the intake pipe where it becomes laden with dust from the hopper, and after whirling the dust through the fan, thereby breaking up any lumps and thoroughly mixing it with the air, it is forced out through the discharge pipe in a compact cloud, the density of which is regulated by the dust valve, conveniently located on top of the air line, or suction pipe. The quantity of dust entering the intake pipe can be readily changed to produce a light mist or a dense fog-like cloud. When the valve is set for the right amount of dust, a neat spring catch holds it in position.

The capacity of the hopper is 9½ pounds of lime. The dust is fed into the air duct by means of a brush rotating on a shaft operated by bevel gears. This insures constant and uniform feeding and is the first step in breaking up any lumps. Turning the handle accomplishes both the turning of the fan as well as turning this brush in the dust hopper.

**Price \$25.00**

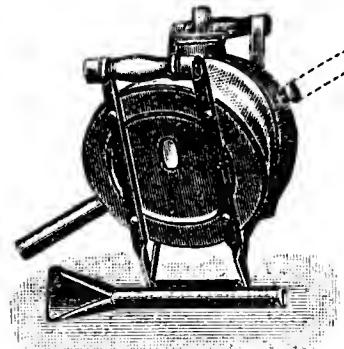
**PLATZ VERMORS BRASS SPRAYER**



A knapsack sprayer of finest materials and workmanship. Will give years of service with ordinary care. It is very compact weighing only 15 pounds, with a capacity of approximately 4 gallons. The working parts of the pump (a diaphragm with two rubber check-valves) are accessible, easy to replace and inexpensive. A uniform pressure is maintained with an occasional stroke of the pump-lever until tank is emptied. Guaranteed to give entire satisfaction or money refunded.

**Price \$20.00**

**PLATZ GREEN HAND DUSTER**



A small hand duster easy to work and regulate. With a capacity of 2-4 pounds and 36-inch extension with spreader, it is ideal for dusting hill-crops or underside of foliage.

**Price \$6.00**

**TURN WASTE INTO WEALTH**

Do not destroy vegetable refuse—it represents more than half the yield of the soil. By the simple ADCO process it can be converted into rich manure and turned back to nourish that same soil.

**ADCO**

(Registered Trade Mark)

converts straw, corn stalks, dry leaves and garden refuse, such as leaves, stalks, cuttings, potato, bean and pea vines, etc., into

**ARTIFICIAL MANURE**

Patented in the United States, Canada and Foreign Countries.

ADCO is a powder which, when mixed with almost any non-woody vegetable waste and kept moist, gradually converts the mass into real manure fully equal to the farmyard product in fertilizing power, but free from foul odor, flies, weed-seeds, etc. Anybody can make ADCO Manure. The process is perfectly simple and not at all laborious.

GARDENERS, by using their refuse, can now have plenty of manure at low cost and little trouble.

FARMERS, by utilizing straw, corn stalks, etc., can secure their manure without the expense and labor of maintaining live-stock.

VEGETABLE GROWERS can turn back into their soil as rich manure the stalks, cuttings, vines, leaves, etc., heretofore wasted.

NURSERYMEN and FRUIT GROWERS can convert leaves, etc., into valuable fertilizer for their trees and bushes.

**No plot of cultivated ground is too large or too small to benefit by use of ADCO.**

ADCO can be had in packages of various sizes, designed to meet the needs of everything from the smallest garden to the greatest plantation.

**ADCO, in 25-lb. bags . . . . . \$1.75**  
(Enough for 12 wheelbarrow loads of garden waste, making one-half ton of manure)

**ADCO, in 100-lb. bags (4-25's) . . . . . \$7.50**  
(Enough for a heap 8 ft. x 8 ft. x 6 ft., making about 2 tons of manure)

**ADCO, in 150-lb. bags, each . . . . . \$10.25**  
(Enough for a heap 10 ft. x 10 ft. x 6 ft., making about 3 tons of manure)

**Price \$25.00**



ESTABLISHED 1894  
**SACCO**  
TRADE MARK REGISTERED

# PLANT FOOD

*Makes things Grow!*

SACCO is a scientifically balanced plant food made specially for the development and care of

**BEAUTIFUL LAWNS, GARDENS,  
SHRUBS, FLOWERS AND TREES**

**PRODUCES EXCEPTIONAL  
RESULTS**

A single SACCO application can be depended upon to make grass and vegetables grow vigorously and to make flowers and shrubbery beautiful with bloom and foliage. This plant food gives quick results, is easy to apply and, because only a small quantity is required, it is very economical. The 85 cent size—10 lbs.—is sufficient to fertilize plot of lawn 20x25 feet. The \$1.75 size—25 lbs. will cover plot 40x30 feet. See "Amount to apply" below.

For every one hundred square feet (10x10' area) use two to four pounds of SACCO for best results. Simple instructions for applying SACCO come in each package.

PRICES: 1 lb. Can 15c., 5 lb. Bag 50c., 10 lb. Bag 85c., 25 lb. Bag \$1.75, 50 lbs. \$3.00, 100 lbs. \$5.00



**RECOMMENDED BY THE BEST  
AUTHORITIES**

SACCO has the approval of horticulturists and soil authorities everywhere. On the lawns and in the gardens of the finest private estates—in the nurseries of progressive florists and growers—SACCO has proved its unquestionable superiority.

SACCO is less expensive to use than ordinary manures or fertilizers. SACCO IS CLEAN, ODORLESS AND VERY EFFECTIVE.

**Wedo**  
*Feeds Grass—Fights Weeds*

**Special Fertilizer for  
Weed Control in Lawns**

*Feeds Grass—Fights Weeds*

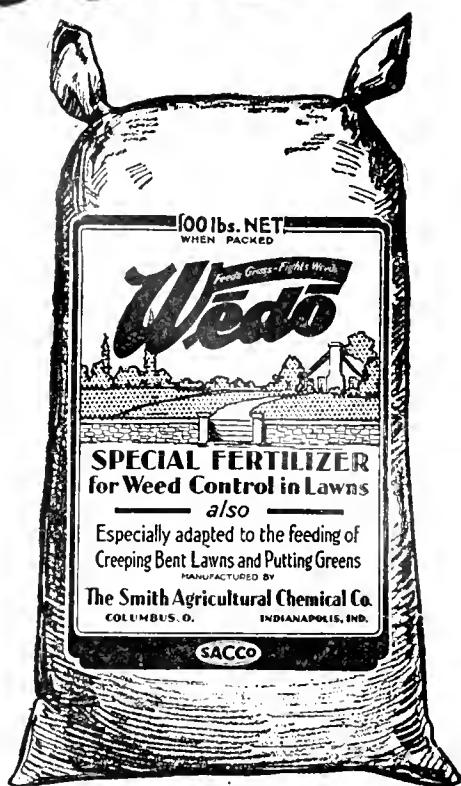
HERE is a dual purpose fertilizer—made as a special feeding ration for lawns *only*, and to control weeds.

**Endorsed by Experts**

WEDO contains the recommended amounts of Nitrogen (Ammonia), Phosphates and Potash as proven by soil authorities to be best adapted to lawn grasses. Greenskeepers and soil experts are using WEDO in their most difficult lawn work, because they have found WEDO to be their very best turf builder.

**Ideal for Creeping Bent Lawns and Putting Greens**

WEDO contains an ideal feeding ration for Creeping Bent Lawns and Putting Greens. The particular soil condition most desirable to such grasses can be maintained perfectly with WEDO.



**PRICES**

100 lbs. . . . .	\$6.50
50 lbs. . . . .	3.75
25 lbs. . . . .	2.00

**VERY ECONOMICAL**  
Only  $1\frac{1}{2}$  pounds are required for 100 square feet—about one half the amount required when ordinary plant foods are used.



## *For Lawns, Flower Beds, Potted Plants, Vegetable Gardens, Fruit and Shade Trees*

Everyone loves a beautiful lawn; everyone wants his flowers to be the biggest and brightest—and it is just such beauty that Lōma brings to grass and garden.

Apply Lōma to your lawn today, and within ten days to two weeks the grass will be thick and green and velvety. If this should seem scarcely believable, get a one-pound or five-pound package. Apply it to a small area of the lawn. Water it thoroughly—and watch the results!

Lōma is a quick-acting, *complete* plant food—that is, it supplies everything that your lawn and gardens need—nitrates, potash and phosphates in an immediately available form. Indeed, Lōma has been so successful, that it now is the largest selling plant food throughout the United States.

Quick turnover and quick profit are part of the Lōma formula. Backed by an advertising campaign far exceeding any heretofore carried out in the plant food field. This advertising supports you from February to October, ahead of the Spring season, during the Spring season, and through Summer and Fall. Thousands of packages of Lōma were bought last year . . . many more thousands will be bought again this year. For Lōma produces such really startling results. That's because Lōma is so rich in potash, phosphate, and nitrates—all the food elements that lawns and gardens need—combined and processed as so to make them quickly and fully available.

*Send for a supply this season. It can be had in all sizes, from 1 lb. to 100. Full directions on the package.*

### PRICES

1 lb.	\$0.15
5 lbs.	.50
10 lbs.	.85
25 lbs.	1.75
50 lbs.	3.00
100 lbs.	5.00

# HARRISBURG SEED COMPANY

Headquarters for *Lōma*

# BLOOMAID

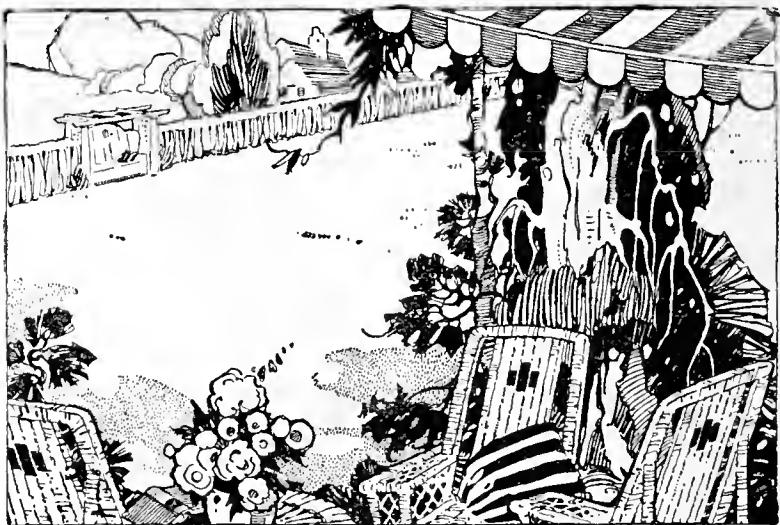
## For Finer Flowers » Shrubs » Vegetables

**J**UST as humans respond to wholesome food, your plants will tell you how much they relish BLOOMAID. Within ten days or two weeks a decided improvement is noticeable. Leaves glow with a darker green and become larger, new leaves appear, flowering buds come sooner—there are more of them—they bloom earlier and longer. Each plant is stronger, healthier, more vigorous, and grows faster all over. Convincing tests have brought blooms ten days to two weeks earlier, and plants in thirty days have grown to twice the size of their companions that were not fed BLOOMAID.

BLOOMAID is *easy to use*, indoors or out. A tablet or two, or a spoonful of liquid BLOOMAID in a glass of water—either is enough for a potted plant, now and then. For window boxes, porch boxes, and the flats where the seedlings grow, use granulated BLOOMAID from a shaker-top pound can or by the spoonful from a five-pound can. Outdoors, in the beds and among the shrubbery and around the hedge, use granulated BLOOMAID from bags. Full directions with every package.

### Prices

Tablet Form	
Box of 125 Tablets.....	\$ .25
 Liquid Form	
8-oz. bottle .....	.50
 Pulverized Form	
1-pound can .....	.25
5-pound can .....	.50
10-pound bag .....	.85
25-pound bag .....	1.75
50-pound bag .....	3.00
100-pound bag .....	5.00



## To Have a Fine Lawn *feed it!*

**A**NYBODY can distribute V-C FAIRWAY, and any season is good for serving it to grass. Fall and Spring are best, but a top-dressing of V-C FAIRWAY now and then will keep the best of lawns in finer condition.

V-C FAIRWAY is a dry and granulated powder, ready for use. Moderately priced, it comes in bags, 10 pounds to 100 pounds, and is easily handled or stored. It is exactly the food that grass must have—the V-C FAIRWAY balanced ration, the complete and carefully blended diet of good chemical elements. And it carries no weed seeds, no insect pests, no plant diseases.

### Prices

10-pound bag (enough for 500 sq. ft.).....	\$ .85
25-pound bag (enough for 1,250 sq. ft.).....	1.75
50-pound bag (enough for 2,500 sq. ft.).....	3.00
100-pound bag (enough for 5,000 sq. ft.)....	5.00

*V.C Fairway is easy to use. Anyone can apply it.*

**F.C**  
**Fairway**  
GRASS FOOD



# **ANTS**

## *Destroyed*



in their nests!  
New method  
“gets” them  
at their source  
--safe, permanent, effective

**T**HE ANTROL system is adapted to any size house or garden and quickly destroys all species of sweet eating ants. It is composed of small glass containers and a special formula of syrup. The containers are partially filled with syrup and placed about the outside edges of the house or along "ant" trails in the garden if the infestation occurs there. The ants smell the syrup, eat it and then transmit its mild poison to the queen in the nest. Soon the entire ant colony is destroyed!

The complete system should cover every 15 feet around the outside of the house or "ant" trails in the garden. Once this is installed permanent, effective and safe protection is insured from the annoying pests.

PRICES—Antrol sets containing 4 containers and 1 4-oz. bottle of syrup ..	\$0.75
Antrol extra containers (each).....	.10
Antrol syrup, 4-oz. bottle.....	.35
Antrol syrup, pints .. .. .. ..	.85
Antrol syrup, gallons .. .. .. ..	3.50

Note—Enough containers and syrup should be purchased to place one container every 15 feet around the house or along ant "trails" in the garden.

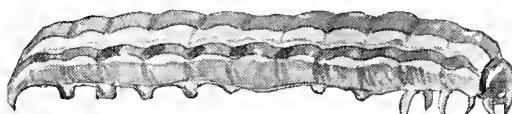
# Antrol

## The National Ant Control

*Manufactured by the*  
**Antrol Laboratories, Inc.**  
Los Angeles



# *Quickly Kills Garden Pests*



## Science Provides New, Safe Method That Does the Work Without Fuss . . .

# Snails, Cutworms, Slugs, Grasshoppers, Sowbugs, Earwigs, Etc., Are Exterminated

**S**NAROL is a ready-prepared meal that you simply broadcast on the ground under the vegetation. The pests eat the meal and are quickly destroyed.

Snarol will not deteriorate from rain or sprinkling and also is non-injurious to vegetation when used according to simple directions. These features distinguish it from ordinary controls and make Snarol popular with professional gardeners and nurserymen.

## PRICES—

1-lb. Package . . . . .	\$0.35
3-lb. Package . . . . .	.85
15-lb. Bag . . . . .	3.00

Special prices quoted on 50-lb. bags on request.

# Snārol

**The National Pest Control**

*Manufactured by the*  
**Antrol Laboratories, Inc.**  
Los Angeles



# Harrisburg Seed Company

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**1933  
CATALOG**

---

**SUPERLATIVE**

**Seeds : Plants : Bulbs**



**HARRISBURG SEED COMPANY**  
**Harrisburg .. Pennsylvania**